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Lancaster Farming

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Weaver Brothers Share Ideas About Registered Holstein Business

EVERETT NEWSWANGER
Managing Editor

QUARRYVILLE (Lancaster Co.)—"If you want to get into farming, it takes parents," said Landis and Herb Weaver. "We have a dad behind us and we want to thank him for giving us a chance here."

Two years ago the Weaver brothers took over the family "Wea-Land" registered Holstein operation located south of Quarryville in the beautiful rolling hills of southern Lancaster County.

"A lot of my friends, one in particular, would like to farm," Herb said. "But all he has is a job and a house. For him to go into farming would be impossible unless he had someone to back him financially. When we took over, Dad left some of the money in the cows, or we would not have been able to do it either."

Landis, 26, and his wife Darla, and their little girl, Kendra, form one-half of the partnership. Herb and his wife Glenda form the other half. And the partnership works well. If one of the young families wants to take a weekend off from milking chores, the other half of the partnership is there to keep things running.

"We like to take care of our cows, but we also like to enjoy life," Landis said. "I don't want to be like the guy who says he has not had a day off from milking in five years. Of course, not everyone has a brother to depend on. But you need to keep your priorities straight. We think you need to take time for church and family too. And we want to take it easy on expansion too. It's a lot easier to get into debt than to get out of it."

The Weavers make a distinction between their operation and what they call a commercial dairy herd.

"We register all of our calves," Herb said. "And we like to merchandise bull calves. We have six or eight cows right now that are on the border line to be bull mothers. They are a little low on index numbers but have everything else. Give them another generation and we should have a few more cows that bull studs will pick from."

The Weavers like cow families and longevity in their cows.

"It's great to see three or four generations milking in your herd," Landis said. "It's neat, and you kind of see a resemblance among the generations — something you

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The Weaver brothers, Herb, left, and Landis show the milking end of a home bred cow, Wea-Land Bell Lady Bee. Lady Bee has three records over 1000f, the latest, 5y, 31,000m, 1250f, 1050p. She is also officially type classified VG87. The Weaver brothers share some of their ideas about the registered Holstein business in the lead article this week. *Photo by Everett Newswanger, Managing Editor.*

Tobacco Demand, Prices Up At Auction

ANDY ANDREWS
Lancaster Farming Staff

PARADISE (Lancaster Co.) — *Sixty-one, hear 61? Yeah! Sixty-two? Here!*

This year's top price for tobacco at the opening day of tobacco-selling season Monday morning at the Paradise sales barn brought several 60-pound bales of the 609 (Maryland-type) blending tobacco to $1.62 per pound. However, for most of the 609-type bales, $1.61 per pound prevailed.

And what this means for farmers of Lancaster County's number one cash crop is heavy demand at a time when the market has been better than ever.

A lot of the demand is the result of a burgeoning export market, according to Eric Probst, co-owner of the Paradise Tobacco Auction. "Demand is exceptionally high," he said, noting that domestically, "demand is being reduced — but, at the same time, export demand is very great.

"Right now, tobacco is wanted by the Russians. We just made a big deal to export a whole bunch of tobacco," said Probst.

Sales for the day topped more than $450,000. Approximately 305,000 pounds were sold. Average price for the 609 cigarette type was $1.61 per pound, for sales of

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York Extension Honors Hess Family

JOYCE BUPP
York Co. Correspondent

SEVEN VALLEYS (York Co.)— Charles and Shirley Hess are the recipients of the 1990 York County Outstanding Extension Involvement Award. The honor was announced during the extension's annual meeting, held November 30 at the Seven Valleys Fire Hall.

The Hesses are fifth-generation farmers and third generation dairy producers at their Dallastown R3 farm. Long-time supporters of extension programs, they have hosted meetings, tours and cooperated in plantings of numerous field crops research and demonstration plots. For several years, a farm-safety training course presented by extension and the York Hospital has been held at

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Leading Dairy Farmers Gather in San Diego

EVA MARTIN
Maryland Correspondent

SAN DIEGO, Calif. — More than 1,400 of the nation's dairy farmers, cooperative managers, and agribusiness leaders met last week at the 74th annual meeting and dairy summit of the National Milk Producers Federation (NMPF) to seek better ways to control their own destiny. San Diego was the perfect nautical setting to launch the theme, "Charting our Course."

NMPF President Tom Camerlo, in his opening remarks, said that he could not remember any time in history with such wide fluctuations in milk prices and market conditions. "We began 1990 with low dairy product inventories and strong consumer demand that drove milk prices to record levels. Dairy farmers enjoyed a profitable period during the early part of the year. But as the year progressed, milk production began increasing and so did inventories. That has caused a virtual collapse in milk prices. If these conditions persist, we could face serious financial problems in our industry."

In a joint welcome presentation with President Camerlo, Jim Barr, chief executive officer, called 1990 "a year of uncertainty." Taking farmers on a roller coaster ride was beyond the norm. "Seasonal fluctuation in production and income are normal. When milk prices go up, consumers know there is a reserve supply to maintain balance. When prices go down, dairy farmers know there is a federal support program to provide a price floor and stability," he said. In 1988, the M-W was around $11 per hundredweight. In 1989, it began a steady increase that peaked at $14.93 in December. Since that time, it has steadily declined and dropped $2.02 in October to $10.48. That was the single largest month to month drop ever recorded. At $10.48, the M-W is 33 percent below the record high of last December, only one year ago. Barr believes the future looks as unpredictable as the recent past.

President Camerlo reminded the audience of the difficulty in writing a farm bill in the midst of the strong pressure to cut the federal budget deficit. The farm bill just passed has a price tag that is one-half the cost of the 1985 farm bill. "That is a tremendous reduction in federal support for farm programs," he said. "Congress could completely eliminate all spending on agriculture and it would barely make a dent in the nation's deficit."

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Lancaster Co. Livestock Market Auctions

Lancaster Livestock Auction

LANCASTER, PA
DECEMBER 4, 1990

	Cattle	Calves	Hogs	Sheep	Goats
MONDAY'S AUCTION	842	69	242	1105	417
LAST MONDAY'S AUCTION	897	67	121	896	233
LAST YEAR'S AUCTION	1076	114	358	628	263

CATTLE: Slaughter steers fully steady; slaughter heifers firm; cows steady to 1.00 higher; bullocks 1.00 higher; bulls 1.00-2.00 higher. Supply included 55% slaughter steers, 17% slaughter heifers, 19% cows, and 9% bulls.

SLAUGHTER STEERS: Few Choice and Prime 2-4 1250-1450 lb 83.35-83.75; Choice 2-3 few 4 1050-1425 lb 80.50-83.50; Select and low Choice 2-3 1000-1350 lb 76.25-80.00; Select 2-3 72.00-74.50.

HOLSTEINS: Choice and Prime 1270-1650 lb 71.75-74.00; Choice 1225-1775 lb 67.75-71.00.

SLAUGHTER HEIFERS: Choice and Prime 2-4 1100-1250 lb 81.00-83.25; Choice 2-3 975-1225 lb 77.00-81.00; Select 2-3 900-1200 lb 72.75-77.00; Select and low Choice 2-4 1000-1350 lb heiferettes 58.00-65.00.

COWS· LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 51.50-53.50 53.50-56.75 Commercial 3-4 50.00-54.00 Cutter & Boning Utility 1-2 48.00-50.00 50.00-53.50 53.50-56.00 Canner and low Cutter 46.00-48.00

BULLOCKS: Choice 2-3 1000-1435 lb 69.00-72.75, six head 73.00-75.75; Select 1-3 1000-1275 lb 63.75-67.00, few low dressing 60.00-62.50.

BULLS: Yield grade 1 1350-2100 lb 66.25-71.50, few 71.50-73.50, couple 1770-1850 lb 77.00-77.25; Yield grade 2 1000-1800 lb 62.25-66.50, few low dressing 58.50-62.00.

VEAL CALVES: Vealers and slaughter calves steady. Demand good for Holstein bulls to return to farm.

VEALERS: Few Choice and Prime 180-240 lb 100.00-120.00; high Good and low Choice 150-270 lb 75.00-95.00, 80-110 lb 45.00-55.00; Standard and low Good 55-75 lb 35.00-45.00.

SLAUGHTER CALVES: Good and Choice 270-450 lb 70.00-80.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 100.00-120 00.

HOGS: Compared to last Monday barrows and gilts fully 1 00 lower, sows 4 00-5.00 lower.

BARROWS AND GILTS. US 1 Few 210-235 lb 50.00-51 00. US 1-3 210-260 lb 46.50-47.50.

SOWS: US 1-3 350-650 lb 38.00-39.00.

BOARS: All Weights 36.00-37.00.

SHEEP. Wooled lambs mostly steady; slaughter ewes firm to 5.00 higher. Supply included several 40-60 lb new crop lambs

WOOLED LAMBS· Choice and Prime 60-125 lb 50.00-60 00, few 60-70 lb 60.00-70.00, 40-60 lb 70.00-100.00; Good to low Choice 80-110 lb 40.00-50.00; several 40-60 lb new crop lambs 125.00-155.00, few 40-50 lb 150.00-170.00.

SLAUGHTER EWES: Utility and Good 15.00-38.00, Yearlings and two-year olds 35.00-42.00.

GOATS: All goats sold by the head. Large 80.00-100.00, thin 60.00-80.00; Medium, mainly 55 00-65.00, few thin 45.00-55.00; Small, mainly kids, 50.00-60.00, few thin 40.00-50 00.

Vintage Livestock

Tuesday, Dec. 4, 1990
Report Supplied by USDA

CATTLE: 708 SUPPLY INCLUDED 30% STEERS, AND 59% COWS) COMPARED WITH MONDAY'S MARKET: SLAUGHTER STEERS MOSTLY STEADY, SOME STRENGTH ON CHOICE GRADE 2-3; HEIFERS NOT FULLY TESTED; COWS FULLY STEADY; BULLOCKS AND BULLS SMALL SUPPLY WEAK TO 1.00 LOWER. CHOICE 2-3 FEW 4, 1050/1425 LBS. SL. STEERS 80.25-83.75, FEW 3-4 1500/1630 LBS. 77.75-79.50, CHOICE 2-3 1175/1400 LBS. 83.25-84.25, 6 HEAD 6 HEAD 84.75-85 60, SELECT & LOW CHOICE 2-3 1075-1425 LBS. 76.75-80.00, SELECT 2-3, 1025-1400 LBS. 71.25-77.00; HOSLTEINS: COUPLE CHOICE 1400-1720 LBS. 69.75 & 71.50 LOT CHOICE 2-3, 915 LBS. SL. HEIFERS 76.10, FEW 2-3 SELECT 1100-1175 LBS. 70.00-71.00. BREAKING UTILITY & COMMERCIAL COWS 2-3, 52.50-55.00, HIGH DRESSING 55.00-57.25, COMMERCIAL 3-4 48 00-52 00, CUTTER & BONING UTILITY 1-2 50.00-53.75, HIGH DRESSING 53.75-55.25, LOW DRESSING 47.75-50 00, CANNER & LOW CUTTER BULK 45.50-47.75, LOW DRESSING 43.00-45.50. COUPLE 2-3 SELECT 1100-1350 LBS. SL. BULLOCKS 63 00 & 64.00. FEW YIELD GRADE NO. 1 1300-2165 LBS. SL. BULLS 60.75-64.00.

CALVES 858: (SUPPLY INCLUDED 679 IN GRADED SALEOF WHICH 83% SOLD TO RETURN TO FARM). VEALERS STEADY. FEW HIGH GOOD & LOW CHOICE 140/210 LBS. 75.00-85 00, 125-130 LBS. 44 00-47.00, 70-100 LBS. 38.00-42.00, STANDARD AND LOW GOOD 60-80 LBS. 25.00-35 00, FARM CALVES: HOLSTEIN BULLS 120-125 LBS. 115 00, 100-115 LBS. 119.00-136.00, LOT 100-105 LBS. 146.00, 95 LBS. 111.00-113.00, 90 LBS. 128.00-129.00, SMALL FRAME 100-115 LBS. 110 00-113 00, 80-95 LBS. 66.00-72.00; HOL. HEIFERS 100-120 LBS. 124.00-132.00, 90-95 LBS. 80.00, SMALL FRAME 70-105 LBS. 55.00-70.00.

SHEEP 4: INSUFFICIENT VOLUME FOR A MARKET TEST - ALL CWT.

GOATS: 1 NO MARKET TEST.

Lancaster Livestock Auction

Lancaster, Pa.
Wednesday, December 5, 1990

	Cattle	Calves	Hogs	Sheep	Goats
Wednesday's Auction	25	0	338	0	0
Last Wednesday's Auction	23	2	142	0	0
Last Year's Auction	57	4	244	0	0

CATTLE: Insufficient volume for a market test.

VEAL CALVES: No market test.

HOGS: Compared to Monday barrows and gilts 50 lower; sows 1.00-2.00 higher.

BARROWS AND GILTS: US 1-3 210-255 lb 46.00-47.00.

SOWS: US 1-3 300-650 lb 39.00-41.00.

BOARS: All Weights 36.00-37.00.

SHEEP: No market test.

GOATS: No market test.

Jersey Shore Livestock Market, Inc.

Auction every Thursday
at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, Dec. 6, 1990

RETURN TO FARM CALF 1.00-1.30.
GOOD VEAL 70.00-99.00.
COMMON VEAL 30.00-69.00.
CHOICE STEERS: 75.00-79.75.
SELECT STEERS 65.00-74.00.
COMMON STEERS 50.00-64.00.
COMMERCIAL COWS 48.00-54.00.
CANNERS-CUTTERS 45.00-52.00.
SHELLS 33.00-42.00.
CHOICE HEIFERS 73.00-78.00.
SELECT HEIFERS 55.00-72.00.
COMMON HEIFERS 54.00-64.00.
GOOD FEEDERS 65.00-80.00.
COMMON FEEDERS 45.00-64.00.
BULLS 49.00-64.00.
GOOD HOGS 46.00-47.50.

New Holland Livestock

Thursday, Dec. 6, 1990

	Cattle	Calves	Sheep	Goats
Today	998	682	108	52
Last Thursday	1071	803	130	196
Last Year	825	577	117	56

CATTLE: Slaughter steers fully steady; slaughter heifers scarce; cows steady, instances 1.00 lower on Canner and low Cutter; bullocks scarce; bulls steady, instances 1.00 lower. Supply included 44% slaughter steers and 41% cows.

SLAUGHTER STEERS: Choice 2-3 1100-1325 lb 83.75-85.00; Choice 2-3 few 4 1075-1450 lb 80.50-83.75; few Choice 3-4 1450-1650 lb 79.50-80.75; Select and low Choice 2-3 1050-1500 lb 77.00-80.25; Select 2-3 1000-1350 lb 70.75-76.50. HOLSTEINS: High Choice and Prime 1375-1625 lb 70.75-73.25; Choice 1275-1500 lb 68.00-70.50; Select 1185-1350 lb 64.00-67.00.

SLAUGHTER HEIFERS: Choice 2-3 925-1225 lb 77.00-78.00; Select 2-3 925-1250 lb 74.00-77.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 52.00-55.50. Cutter and Boning Utility 1-2 47.00-49.00 49.00-53.00 53.00-54.50. Canner and low Cutter 43.00-45.00 45.00-48.00.

BULLOCKS: Couple Select 2-3 1100-1250 lb 63.50-66.00; individual Choice 2 1500 lb 72.00.

BULLS: Yield grade 1 1500-2200 lb 64.00-66.25, three head 1285-1865 lb 72.75-73.75; Yield grade 2 1175-1525 lb 60.50-63.50, few low dressing 56.50-60.00.

VEAL CALVES: Vealers steady, although Choice and Prime not tested. Demand fair for Holstein bulls and heifers to return to farm.

VEALERS: High Good and low Choice 135-410 lb 72.00-80.00, 110-130 lb 48.00-55.00, 80-105 lb 38.00-42.00; Standard and low Good 65-85 lb 30.00-38.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 88.00-112.00, few 112.00-120.00; small frame 90-115 lb 65.00-90.00, few 80-90 lb 48.00-60.00; bulk 90-115 lb Holstein heifers 90.00-115.00; small frame 90-110 lb 60.00-85.00.

SHEEP: Slaughter lambs steady; slaughter ewes steady.

WOOLED LAMBS Choice 75-100 lb 57.00-61.00, few 55-70 lb 62.00-69.00; Good to low Choice 65-95 lb 46.00-51.00. Small supply Choice 30-75 lb New Crop Lambs 90.00-106.00.

SLAUGHTER EWES: Utility and Good 18.00-28.00; Yearlings and two-year olds 28.00-45.00.

GOATS: All goats sold by the head. Large 62.00-88.00; Medium 47.00-58.00, few thin 43.00-46.00.

Lancaster County Weekly

December 7, 1990

	CATTLE	CALVES
THIS WEEK	2800	1600
LAST WEEK	3016	1875
LAST YEAR	3602	1648

CATTLE: Slaughter steers steady; slaughter heifers steady to firm; cows uneven, Breaking Utility and Commercial firm to 1.00 higher, Canner and Cutter weak to 1.00 lower; bullocks steady, instances 1.00 higher early; bulls 1.00-2.00 higher. Supply included 40% slaughter steers, 8% slaughter heifers, 36% cows, 6% bulls, with the balance feeders.

SLAUGHTER STEERS: Few High Choice and Prime 2-4 1250-1450 lb 83.35-84.00; Choice 2-3 few 4 1050-1425 lb 80.25-83.75; Choice 2 1100-1350 lb 83.75-85.00, couple 85.00-85.60; Choice 3-4 1450-1630 lb 77.75-80.50; Select and low Choice 2-3 1000-1450 lb 76.25-80.25; Select 2-3 1000-1350 lb 70.25-75.00, few 75.00-77.00. HOLSTEINS: High Choice and Prime 1270-1650 lb 71.75-74.00, Choice 1225-1775 lb 67.75-71.50; Select 1100-1375 lb 64.00-67.00.

SLAUGHTER HEIFERS: Choice and Prime 2-4 1100-1250 lb 81.00-83 25, Choice 2-3 975-1225 lb 76.10-81.00, Select 2-3 900-1200 lb 72.75-77.00; Select and low Choice 2-4 1000-1350 lb heiferettes 58.00-65.00.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 52.00-55.50 55.50-57 25 Commercial 3-4 48.00-53.00 Cutter and Boning Utility 1-2 47.00-49 00 49.00-53.50 53.50-55.50 Canner and low Cutter 43.00-45.50 45.50-48.00

BULLOCKS: Choice 2-3 1000-1435 lb 69.00-72.75, six head 73.00-75.75; Select 1-3 1000-1275 lb 63.50-67.00, few low dressing 60.00-62.50.

BULLS: Yield grade 1 1350-2100 lb 64.50-71.50, few 71.50-73.50, couple 1770-1850 lb 77.00-77.25; Yield grade 2 1000-1800 lb 60.50-66.50, few low dressing 58.50-61.00.

VEAL CALVES: Vealers steady, although Choice and Prime scarce; slaughter calves steady. Demand fair for Holstein bulls and heifers to return to farm.

VEALERS: Couple Choice and Prime 150-240 lb 90.00-120.00; high Good and low Choice 135-410 lb 72.00-85.00, 110-130 lb 44.00-55.00, 80-105 lb 38.00-45.00; Standard and low Good 60-80 lb 25.00-38.00.

SLAUGHTER CALVES: Good and Choice 270-450 lb 70.00-80.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 88.00-125.00, few on Tuesday 125.00-146.00; small frame 90-115 lb 65.00-113.00, 80-90 lb 48.00-72.00. Bulk 90-120 lb Holstein heifers 90.00-132.00; small frame 70-110 lb 55.00-85.00.

B&R CATTLE CO.
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AUCTIONS
MONDAY
9:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. - Goats, Veal Calves, Lambs
12 Noon - Slaughter Hogs
WEDNESDAY
8:00 A.M. - Slaughter Hogs
10:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. - Veal Calves, Lambs
FRIDAY
11:00 A.M. - Stocker and Feeder Cattle
SATURDAY
8:00 A.M. - Slaughter Hogs

Next Graded Feeder Cattle Sale Friday, Dec. 14 - 11:00 A.M.

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1147 Lititz Pike, Lancaster, Pennsylvania 17601
Serving The Community For 90 Years

VINTAGE SALES STABLES, INC.
COMPETITION IS THE ADVANTAGE MARKET YOUR LIVESTOCK THE VINTAGE WAY
TUESDAY
11:00 A.M.
SLAUGHTER CATTLE AUCTION— STEERS, BULLS, HEIFERS, COWS, FEEDER CATTLE
7:30 P.M.
CALVES, SHEEP, GOATS
* GET CALVES IN EARLY— OUR STATE GRADER STARTS AT 1:00 P.M.
★NEW★ FEEDER & STOCKER ORDERS NOW BEING TAKEN
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TRUCKING SERVICE AVAIL.-LOCAL & LONG DISTANCE
(RT. 30, 10 MILES EAST OF LANCASTER IN PARADISE, PA)

Hog Markets

Lancaster Hogs

Lancaster Stockyards
Sat., Dec. 1, 1990
Report supplied by auction

525 HEAD.
US 1 215-245 LBS. 46.25-47.25.
US 1-2 215-245 LBS. 45.25-49.25.
US 1-3 215-245 LBS. 44.25-45.25.
US 2-4 215-255 LBS. 42.50-44.00.
HEAVY HOGS 42.00.
GOOD SOWS: 37.00-39.00.
MEDIUM SOWS: 35.00-37.00.
THIN SOWS: 30.00-35.00.
HEAVY BOARS: 32.00.
LIGHT JR. BOARS: 38.00-40.00.

New Holland Hog Auction

LANCASTER, PA
DECEMBER 3, 1990

NEW HOLLAND HOG AUCTION FOR TODAY; MONDAY 12/03/90.

HOG RECEIPTS

TODAY	630
LAST MONDAY	528
LAST YEAR	1284

TREND: Compared to last Monday barrows and gilts 2.50-3.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb 46.00-47.25.

US 1 210-235 lb 48.00-49.25, One lot 51 00.

US 1-3 210-260 lb 44.00-45.50.

New Holland Feeder Pig Auction

Lancaster, Pa.
Wednesday, December 5, 1990

CORRECTION ON TREND
NEW HOLLAND FEEDER PIG AUCTION FOR WEDNESDAY DECEMBER 5, 1990.

FEEDER PIGS

TODAY	1204
LAST WEDNESDAY	1052
LAST YEAR	801

TREND: Compared to last Wednesday feeder pigs 4.00-10 00*lower, instances 15 00 lower on US 1-2 40-50 lb weights. All pigs weighed on arrival and sold by the hundred weight.

GRADE HEAD WEIGHT PRICE US 1-2 84 30-39 124 00-132.00. 279 40-49 110 00-116.00. 154 50-59 104.00-108.00. 69 60-69 80.00-90.00.

US 2 73 30-39 114.00-124.00. 132 40-49 104.00-110.00. 93 52-56 94 00-96.00.

US 2-3 60 30-39 94.00-112 00. 42 43-46 96 00-102.00.

SLAUGHTER 65 17-23 199.00-204.00. 66 25-27 155 00-175.00.

Peoria Hogs

Peoria, Illinois
Thursday, December 6, 1990

FEDERAL-STATE OPENING, MID-SESSION AND CLOSE HOGS: 1800 TRADING MODERATE. BARROWS AND GILTS FULLY .50 TO 1.00 HIGHER COMPARED WITH WEDNESDAY.

US 1-3 220-250 LBS. 47.50-48.00 2-3 230-260 LBS. 47.00-47.50 260-280 LBS. 45.00-47.00 280-300 LBS. 43.00-45.00.

SOWS: UNEVENLY STEADY TO 1.00 LOWER 18%.

US 1-3 325-400 LBS. 41.00-42.00 400-500 LBS. 41.50-41.75 500-650 LBS. 41.00.

BOARS: OVER 350 LBS. 40.00-40.50 UNDER 350 LBS. 42.00-42.50

HOG 214: HC 47.50-48.00 HD 47.50-48.00 HE 47.50-48.00 HI 47.50-48.00 HJ 47.50-48.00 HK 47.50-48.00 HQ 47.00-47.50 HR 46.00-47.00 HS 43.00-46.00 VV 41.00-42.00 WW 41.50-41.75 XX 41.00-41.00 YY 41.00-41.00 ZZ 40.00-40.50.

Indiana Hogs

Louisville, Kentucky
Thursday, December 6, 1990

INDIANA DIRECT HOGS FLASH BARROWS AND GILTS: .50-1.00 HIGHER. DEMAND MODERATE TO GOOD.

US 1-2 220-260 LBS. 45.25-46.50 MOSTLY 45.50-46.50.

210-220 LBS. 43.00-45.00.

US 1-3 220-260 LBS. 44.00-45.75.

SOWS: MOSTLY STEADY.

US 1-3 300-500 LBS. 36.00-38.50.

500-650 LBS. 38.00-41.00; FEW TO 43.00.

St. Louis Cattle, Hogs

Thursday, December 6, 1990

OPENING MID-SESSION WEEKLY CLOSE CATTLE AND CALVES: 600 (0 SLTR, 600 FDRS).

SUPPLY CONSISTS OF FEEDER CATTLE AND COWS FOR REGULAR THURSDAY AUCTION.

SLAUGHTER CLASSES NOT TESTED.

SLAUGHTER CLASSES: NOT TESTED COWS: CUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4 BONING 1-2 LOW TO AVG. CUTTER.

RECEIPTS THIS WEEK 1,700: WEEK AGO 1,900: YEAR AGO 2,200.

FOR THE WEEK: AS COMPARED WITH LAST WEEK'S TERMINAL MARKET CLOSE, SLAUGHTER STEERS AND HEIFERS 1.50-2.00 LOWER EXCEPT HOLSTEIN STEERS MOSTLY 1.00 LOWER.

COWS FULLY 1.00, INSTANCES 2.00 LOWER ON HIGH-YIELDING CUTTER AND BONING UTILITY. BULLS STEADY. SLAUGHTER SUPPLY MAINLY CHOICE STEERS AND HEIFERS, AROUND 10% COWS.

Hay & Grain Markets

Pa. Grain

Monday, Dec. 3, 1990
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: CORN STEADY TO .08 HIGHER; WHEAT STEADY TO .10 LOWER; BARLEY AND OATS STEADY; SOYBEANS STEADY TO .15 HIGHER; EAR CORN STEADY TO STRONG.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.20-2.60, AVERAGE 2.35; @WHEAT NO. 2 RANGE 2.50-2.82, AVERAGE 2.66, FEW REPORTED CONTRACT FOR HARVEST 2.60-2.77; BARLEY NO. 3 RANGE 1.90-2.15, AVERAGE 1.99, FEW REPORTED CONTRACT FOR HARVEST 1.75; OATS NO. 2 RANGE 1.25-1.70, AVERAGE 1.44; SOYBEANS NO. 1 RANGE 5.30-5.70, AVERAGE 5.49; FEW REPORTED GR. SORGHUM #2 RANGE 2.15, AVERAGE 2.15; FEW REPORTED NEW EAR CORN RANGE 50.00-75.00, AVERAGE 59.91.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.10-2.35, FEW REPORTED 2.58, AVERAGE 2.28; @WHEAT NO. 2 RANGE 2.50-2.70, AVERAGE 2.58; BARLEY NO. 3 RANGE 1.85-2.22, AVERAGE 2.08; OATS NO. 2 RANGE 1.20-1.50, AVERAGE 1.34; FEW REPORTED SOYBEANS NO. 1 RANGE 5.32-5.65, AVERAGE 5.44; FEW REPORTED NEW EAR CORN RANGE 50.00-60.00, AVERAGE 54.00.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.20-2.60, AVERAGE 2.36; @ WHEAT NO. 2 RANGE 2.50-2.85, AVERAGE 2.64; BARLEY NO. 3 RANGE 1.85-2.22, AVERAGE 2.02; OATS NO. 2 RANGE 1.20-1.70, AVERAGE 1.37; SOYBEANS NO. 1 RANGE 5.20-5.70, AVERAGE 5.45; FEW REPORTED NEW EAR CORN RANGE 50.00-75.00, AVERAGE 56.96.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.30-2.50, AVERAGE 2.41; @WHEAT NO. 2 RANGE 2.60-2.85, FEW REPORTED 2.40, AVERAGE 2.67; BARLEY NO. 3 RANGE 1.85-2.15, AVERAGE 2.04; OATS NO. 2 RANGE 1.20-1.50, AVERAGE 1.33; SOYBEANS NO. 1 RANGE 5.20-5.70, AVERAGE 5.43; BUCKWHEAT RANGE 8.00, AVERAGE 8.00; FEW REPORTED NEW EAR CORN RANGE 50.00-60.00, AVERAGE 54.50.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.15-2.50, FEW REPORTED 2.70, AVERAGE 2.38; @WHEAT NO. 2 RANGE 2.50-2.80, AVERAGE 2.63; BARLEY NO. 3 RANGE 1.80-1.95, AVERAGE 1.88; OATS NO. 2 RANGE 1.05-1.45, FEW REPORTED 1.75, AVERAGE 1.36; FEW REPORTED SOYBEANS NO. 1 RANGE FEW REPORTED 5.50, AVERAGE 5.50; FEW REPORTED PER HUNDREDWEIGHT RECLEANED 15% BUCKWHEAT RANGE 8.50, AVERAGE 8.50; FEW REPORTED NEW EAR CORN FEW REPORTED 55.00, AVERAGE 55.00.

MONTH AGO

CORN NO. 2-Y 2.44; @WHEAT NO. #2 2.67; BARLEY NO. 3 2.01; OATS NO. 2 1.33; SOYBEANS NO. 1 5.71; FEW REPORTED NEW EAR CORN 51.28.

YEAR AGO

CORN NO. 2-Y 2.72; @WHEAT NO. #2 3.93; BARLEY NO. 3 2.07; OATS NO. 2 1.62; SOYBEANS NO. 1 5.53; FEW REPORTED NEW EAR CORN 64.63.

National Grain Market

St. Joseph, Mo.
Wednesday, December 5, 1990

USDA DAILY NATIONAL GRAIN MARKET SUMMARY *CORRECTION ST. LOUIS WHEAT PORTLAND WHEAT YEAR AGO*.

CASH GRAIN PRICES LOWER ON WEDNESDAY. LIGHT EXPORT BUSINESS AND UNCERTAINTY PUT PRESSURE ON THE GRAIN COMPLEX AND FUTURES PRICES MOVED DOWNWARD IN REACTION TO RECENT SHARP UPTURNS. SOYBEANS WERE ESPECIALLY HARD HIT AS U.S.S.R INTEREST TURNED TO OTHER GRAINS.

EXPORT NEWS: COST RICA PURCHASED 80,927 TONNES OF U.S. WHEAT FOR DECEMBER-APRIL SHIPMENT.

DATE CHANGE YEAR AGO 12/05/90 12/04/90 12/06/89 WHEAT: KANSAS CITY 2.64-2.69 DN 1-NC 4.25-4.29 MINNEAPOLIS 2.78 1/4-2.80 1/4 DN 1/2-2 1/2 4.16 1/2-4.19 1/2 PORTLAND 2.80-2.83 DN 8-7 *4.61-4 62 ST. LOUIS * 2.59-2.62 DN 2 * 4.19-4.23.

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.36-2.40 DN 1-2 2.43-2.46 MINNEAPOLIS 2.19 3/4 NC 2.21 SO IOWA 2 35-2 38 NC 2 31-2 40 OMAHA 2.21-2.23 NC-DN 1 2 29-2.30.

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.92-5 96 DN 8 5.73-5.77 MINNEAPOLIS 5.80 1/2 DN 8 3/4 5.58 1/2 SO. IOWA 5.88-5 91 1/2 DN 8-9 1/2 5.67-5.73 C. ILL. PROCESSORS 5.97 1/2-6.02 1/2 DN 9 5 81 1/2-5.86 1/2.

KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 2 64 1/4 DN 3/4 4 09 MINNEAPOLIS (MAR) WHEAT 2.60 1/4 DN 1 3/4 3.97 CHICAGO (MAR) WHEAT 2.59 3/4 DN 1 3/4 4.09 1/4 (MAR) CORN 2.36 3/4 DN 1 2.41 (JAN) SOYBEANS 5.92 1/2 DN 8 3/4 5.79 1/4.

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 3.06-3.09 DN 1-NC 4.56-4.57 NO. 2 SOFT RED WINTER WHEAT 2.87 DN 1-3 4.47 NO. 2 YELLOW CORN 2.55-2.62 DN 2-3 2.73-2.74 NO. 2 YELLOW SORGHUM RAIL 4.55 DN 2 BARGE 4.66 DN 1 4.63-4.68 NO. 2 YELLOW SOYBEANS 6.17-6.21 DN 8-11 6.17-6.18.

Green Dragon Hay

Ephrata, Pa.
Friday, Nov. 28, 1990
Report Supplied by Auction

TOTAL LOADS: 150.
MIXED HAY: 45.00-142.00.
ALFALFA: 70.00-132 00.
TIMOTHY: 74.00-132.00.
CLOVER: 75.00.
ORCHARD GRASS· 64.00-110.00
STRAW: 55.00-110.00.
EAR CORN: 70.00-119.00.
OATS: 1.55-2.35 BU.
SHREDDED PAPER: 50.00.
SHAVINGS: 2.30 BAG.
FIREWOOD: 3 LOADS, 32.00-55.00.

Frederick Co. Hay

Buckeystown, Md.
Thursday, Dec. 6, 1990
Report Supplied by Auction

36 LOADS. WEATHER CLEAR; MARKET ABOUT STEADY.

ALFALFA: 4 LOADS FAIR TO GOOD, 90.00-120.00, 1 DAMAGED 47.00.

ALFALFA MIX: 2 LOADS, 87.00-90.00.

TIMOTHY: 5 FAIR TO GOOD, NONE FANCY, 80.00-90 00, 5 FAIR, 62.00-75.00.

MIXED HAY: 2 LOADS FAIR, 60 00 AND 68.00, 1 GOOD, 80.00.

CLOVER MIX: 2 LOADS GOOD, 73.00 AND 90.00

STRAW: 2 LOADS BRIGHT, 87 00 AND 92.00, 2 FAIR, 77 00-80.00, 1 DARK, 40 00.

FIREWOOD: 8 LOADS SPLIT OAK, 78.00-87.00 CORD.

MIXED LOAD 1 LOAD, 69.00

CHRISTMAS PARTY DEC. 20, 10 A M. SHARP.

North Jersey Market

Hackettstown, N.J.
Tuesday, Dec. 4, 1990
Hay—Straw & Grain Report

TIMOTHY HAY: 2.25 BALE

Walter M. Dunlap and Sons offers all cattle feeders two marketing days - Give us a call for advice and marketing conditions.

MONDAYS OR WEDNESDAYS

Consign With Us - For The Marketing Edge

We Are Buying Feeder Pigs
***** Direct Off The Farm *****
Give Us A Call Whether You Are Buying Or Selling

Next Graded Feeder Cattle Sale
Friday, Dec. 14 - 11:00 A.M.

CHRISTMAS SALE
Lambs & Goats
Monday, December 17, 9 AM

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FRI., DEC. 14
1:30 P.M.
HAY & STRAW SALE
12:45 P.M.
AT
Carlisle
LIVESTOCK MARKET, INC.
Exit 12 Off I-81
(717) 249-4511 or
Evenings Jim, 249-2359

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Weekly New York Egg Market Northeast Quotes

From Mon., Nov. 30 to Thurs., Dec. 6

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.96	.96	.96	.96	.96
EX. LARGE	.93	.93	.93	93	93
LARGE	.90	.90	.90	90	90
MEDIUM	.83	.83	.83	83	.83
PULLETS	.67	.67	.67	67	67
OFF GRADE	.78	.78	.78	.78	.78
BROWN					
EXTRA LARGE	1.03	1.03	1.01	1.01	1.01
LARGE	.99	.99	.97	.97	.97
MEDIUM	.91	.91	.89	.89	89
OFF GRADE					
UNDERGRADES AND CHECKS	.40	.40	.40	.40	.40

BREAKING STOCKS: MON. 48-50 LBS. 51.00-53.00, 50 LBS. UP 53.00-54 00.

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Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, Dec. 4, 1990
Report Supplied by Auction

HEAVY FOWL: .25-.55.
LIGHT FOWL: .25.
BROILERS: .35-.55.
BANTAMS, EACH: 1.25-3.75, PER LB. 35-2 00.
ROASTERS: .50-.65.
FRYERS: .40.
PULLETS, EACH: 3.50.
BUNNIES, EACH: 1.00-2 00.
ROOSTERS: .60-1.90.
DUCKS: 20-.95
RABBITS· .70-1.40.
PIGEONS: 1.50-2.50.
GUINEAS: 1.60-1.70.

WHITE EGGS: EXTRA LARGE & JUMBO .90-.98, LARGE .55-.88, MEDIUMS .45-.46.

BROWN EGGS: EXTRA LARGE & JUMBO .93-1.06, LARGE .62-.85, MEDIUMS .45.

NY PHILA FORZEN EGGS

DECEMBER 4, 1990

NEW YORK AND PHILADELPHIA FROZEN EGG REPORT: FEDERAL-STATE Prices were generally unchanged under an unsettled and cautious trade sentiment. Buying was limited as traders usually purchased immediate needs and closely watched for further market developments. Raw materials were selectively purchased as further processors ran schedules in line with needs. Floor stocks were sufficient to satisfy present trade requirements.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) U.S.D.A. INSPECTED CLASS TRUCKLOTS LTL (MIN. 25 CONT.) WHOLE 58-60 MOSTLY 58-59 61-68 BLENDS (/) - MOSTLY - 68-77 WHITES 44-47 MOSTLY 45-46 48-56 YOLKS (MIN. 43% SOLIDS) SUGARED 71-75 MOSTLY 72-73 75-80 SALTED 66-69 MOSTLY 67-68 70-75 (/)-WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Delmarva Broiler Fryer Market

Wednesday, December 5, 1990

Movement of ready-to-cook broiler fryers was fairly good today. Supplies were adequate for current trade needs. Less than trucklot asking prices were competitive at 43-57 cents. Live supplies were adequate. Average live weights were in a desirable range. Trade sentiment was mostly steady. In the parts complex, supplies of wings were tight, whole breasts were adequate to fully adequate, dark meat was adequate, and skinless boneless breasts were irregularly distributed but at least adequate and slow to clear for some shippers.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000) ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG. WGT. 12/5 12/3 12/3 11/28 11/26 2,151 2,129 4.71 2,118 4 63.

NEW YORK MULTIPLE DROP BROILER REPORT: CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA.

BRANDED U.S. GRADE A RANGE 43-57 WEIGHTED AVERAGE 50.71 NO
OF BOXES 11,841.

National Egg Market

Wednesday, December 5, 1990

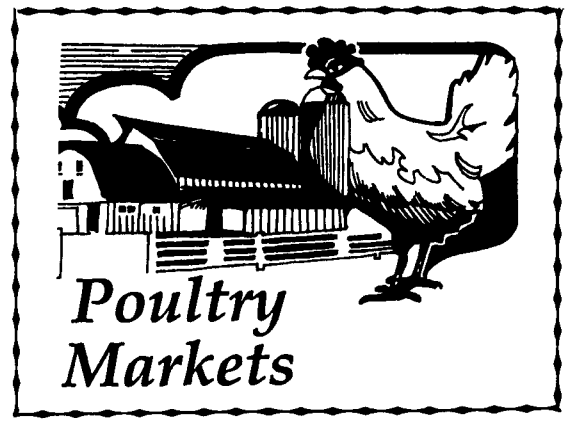
NATIONAL EGG MARKET - AT A GLANCE: The market tone was mostly steady. Demand ranged from fair to good and was expected to improve as an increased interest in retail promotional activity developed. Supplies were for the most part in good balance with current needs Breaker activity was light to moderate with most further processors cautious and keeping an eye on related markets for direction.

New York Egg Market

Wednesday, December 5, 1990

Prices unchanged. Trade sentiment was mostly steady. Demand was irregular but noted as improving in several quarters. Promotional activity both planned and in progress was expected to stimulate consumer buying interest. Floor stocks were in good balance for current needs.

PRICES TO RETAILERS- SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN: A EXTRA LARGE .88-.90, A LARGE .85-.88; A MEDIUM .78-.81.



N.E. Weekly Shell Egg Report

Tuesday, Dec. 4
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	1.08-1.12	1.07-1.11	1.04-1.08	.60-.64
MOSTLY	1.10-1.11	1.09-1.10	1.06-1.07	.62-.63
RHODE ISLAND	1.11-1.15	1.10-1.14	1.07-1.11	.63-.67
MOSTLY	1.11	1.10	1.07	.63
VERMONT	1.15-1.25	1.12-1.19	.99-1.10	
MOSTLY	1.15	1.12	1.10	
MAINE	1.15-1.17	1.14-1.16	1.11-1.13	.67-.69

Philadelphia Eggs

Thursday, Dec. 6, 1990
Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS STEADY. MOVEMENT OF CARTONED EGGS INTRO RETAIL CHANNELS WAS FAIRLY GOOD TO GOOD AND IMPROVING AS THE TRADE PREPARES FOR THE UPCOMING HOLIDAY. SUPPLIES OF LARGER SIZES WERE ADEQUATE, MEDIUMS AND SMALLS WERE CLOSE. FLOOR STOCKS ARE MAINTAINED WITH CONFIDENCE. A EXTRA LARGE .86-.88, A LARGE .84-.86, A MEDIUM .77-.78.

Eastern PA & NJ Poultry Report

Atlanta, Ga.
Wednesday, December 5, 1990

NORTHEAST LIVE HEN MARKET FEDERAL-STATE.

Prices increased on light type fowl and sales too few to report on heavy hens. Demand moderate to good for the about adequate availability. Undertone fully steady.

CENTS PER POUND, GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK:

LIGHT TYPE AT FARM (PRODUCER LOADING) 4.5-6.5 FOB PLANT TOO FEW TO REPORT HEAVY TYPE (7 POUNDS AND UP) AT FARM (BUYER LOADING) TOO FEW TO REPORT AT FARM (PRODUCER LOADING) TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT.

New England Shell Eggs

Wednesday, December 5, 1990

SHELL EGGS IN NEW ENGLAND. FEDERAL-STATE: Prices held unchanged. Trade sentiment was generally steady. Demand was fair to fairly good. Floor stocks remained at least adequate.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN: RANGE JUMBO .92-.95, EX LARGE .82-.85, LARGE .81-.84, MEDIUM .78-.81, SMALL .34-.37.

BOSTON: PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN.

Northeast Chicken Parts

Wednesday, December 5, 1990

Trucklot buying interest was good for the balanced and confidently held supply of wings. Other items cleared to a no better than moderate call. Boneless skinless breasts were in closer balance and the discounting of earlier had declined; however, supplies remained fully adequate to instances ample. Breasts with ribs were in tighter supply and no more than adequate Line run breasts were adequate to fully adequate and held with increased confidence at several shipping points. Leg items were adequate and in fairly good balance

TODAYS NEGOTIATED SALES AS OF 11:30 A.M., PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES:

ITEM CURRENT NEGOTIATED TRADING BREASTS BONELESS SKINLESS 155-160 WITH RIBS 71-72 LINE RUN 70 LEGS 37-38 LEG QUARTERS 27-28 THIGHS 33-34 DRUMSTICKS 29-30 WINGS 63-64 BACKS & NECKS 10-12 LIVERS 15 GIZZARDS (HEARTS) 40-45.

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES CURRENT ITEM NEGOTIATED TRADING* WEIGHTED AVG.** VOLUME/LBS. BREASTS BONELESS SKINLESS 155-160 164.95 284,400 WITH RIBS 71-72 74 38 338,400 LINE RUN 70 72 67 361,800 LEGS 37-38 40 43 307,800 LEG QUARTERS 27-28 28 93 637,200 THIGHS 33-34 34.20 27,000 DRUMSTICKS 29-30 29.56 32,400 WINGS 63-64 65.74 399,600 BACKS & NECKS 10-12 10 62 37,800 LIVERS 15 18 57 12,600 GIZZARDS (HEARTS) 40-45 46 00 32,400

*TODAY'S NEGOTIATED SALES AS OF 11:30 A.M. **WEIGHTED AVERAGE PRICE OF ALL GRADES AND BRANDS OF PRODUCT SHIPPED, OR TO BE SHIPPED FROM PROCESSORS AS OF 2 00 P.M. DAY OF REPORT. (INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT AND RHODE ISLAND).

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Green Dragon Livestock Sales
Location: 1 mile N. on North State St., Ephrata.
SALE EVERY FRIDAY
11:00 A.M.- Beef
7:00 P.M.- Small Animal Sale.
Office 717-733-2444
Home 717-838-4318
WALTER H. RISSER, Proprietor

Diffenbach Auction Center

New Holland, PA
Monday, Dec. 3, 1990
Report Supplied by Auction

TOTAL LOADS: 144.
ALFALFA: 60.00-150.00.
MIXED HAY: 59.00-140.00
TIMOTHY: 55.00-140.00.
CLOVER: 85.00-110.00.
ORCHARD GRASS: 84.00-100.00.
STRAW: 64.00-92.00.
EAR CORN: 72.00-95.00.
OATS: 1.90 BU.

This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd, 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10.00 a.m. Monday.

Keister's Hay

Middleburg, PA
Tuesday, Dec. 4
Report supplied by auction

MIXED HAY: 23 LOADS, 50 00-140.00.
STRAW: 3 LOADS, 57.00-90.00.
EAR CORN: 3 LOADS, 75.00-90.00.
OATS: 2 LOADS, 1.75-1.80 BU.
FIREPLACE WOOD: 14 LOADS, 20 00-50 00.

Westminster Hay

Westminster, Md.
Tuesday, Dec. 4, 1990
Report Supplied by Auction

TOTAL LOADS: 25.
ALFALFA· 65.00-105.00, 1.25-2.65 BALE
ALFALFA MIX: 2.10 BALE.
TIMOTHY: 1.50 BALE.
TIMOTHY MIX: 75.00-77.00, 1 60-2 00 BALE, 15.00-18.00 ROUND BALE.
STRAW: 1.40-1.80 BALE.
WOOD: 60.00-85.00 CORD.

Belleville Hay

Wednesday, Dec. 5
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 47 LDS. HAY.
ALFALFA: 90.00-155.00.
MIXED HAY: 50.00-135.00.
STRAW: 42.50-75.00.

Vintage Hay

Paradise, PA
Thurs., Dec. 6, 1990
Report Supplied by Auction

17 LOADS.
CORN: 72.00.
STRAW: 60.00-71.00.
TIMOTHY AND CLOVER: 80.00.
GRASS HAY: 50.00.
MIXED HAY: 62.50-81.00.
ALFALFA: 67.50-101.00.

Leinbach's Hay

Shippensburg, PA
Dec. 1 and 4
Report Supplied by Auction

TOTAL LOADS: 60.
ALFALFA: 50.00-180.00.
MIXED HAY: 40.00-96 00.
TIMOTHY: 50.00-90.00.
CLOVER: 57.00-70.00.
GRASS: 40.00-72.00.
STRAW: 38.00-68 00
OATS. 1.70-1.80 BU.
WOOD: 30.00-37.00 LOAD.

Dewart Hay

Dewart, PA.
Monday, Dec. 3, 1990
Report Supplied by Auction

7 LOADS, 71.00-105.00.
STRAW: 2 LOADS, 70.00 AND 71.00.
WOOD: 11 LOADS, 20.00-51.00.

Good's Hay

Leola, Pa.
Wed., Dec. 5, 1990
Report Supplied by Auction

130 LOADS.
ALFALFA: 39.00-140.00.
MIXED HAY: 49.00-140.00.
TIMOTHY: 46.00-110.00.
STRAW: 61.00-111.00.
CORN: 59.00-76.00.
ORCHARD GRASS: 59.00-74.00.
CLOVER: 47.00-68.00.
OATS: 2.15-2.30 BU.

Dewart Livestock

Dewart, Pa.
December 3, 1990
Report Supplied by PDA

STEERS: 60.00-74.00.
HEIFERS: 60.00-73.25.
GOOD COWS: 48.00-56.00.
CANNERS AND CUTTERS: 40.00-48.00.
BULLS: 50.00-57.00.
VEAL: 90-190 LBS. 75.00-137 00; 70-90 LBS. 45.00-75.00.
HOGS: 45.00-47.50.
SOWS: 36.00-42.00.
FEEDER PIGS: 20.00-37.00 PER HEAD.

East Coast Carlot

Wed., Dec. 26, 1990
Report supplied by USDA

EAST COAST CARLOT MEAT TRADE DELIVERED PRICES (CAF) BOSTON TO WASHINGTON AREA INCLUSIVE.

COMPARED TO LAST WEEK: NO SALES REPORTED ON LAMB CARCASSES.

Morrisons Cove Livestock

Martinsburg, Pa.
Dec. 3, 1990
Report supplied by auction

CATTLE 130. STEERS: HIGH CHOICE AND PRIME 74.75-75.75, CHOICE 74.25-74.75; GOOD 72.25-74.25, STANDARD 66.25-70.75.

HEIFERS: CHOICE 70.75-73.50; GOOD 65.75-69.75.

COWS: UTILITY & COMMERCIAL 49.00-56.10; CUTTERS 48.50-51.75, CANNER & LOW CUTTER 38.00-49.50.

BULLOCKS: GOOD & CHOICE 65.00-68.50.

BULLS: YIELD GRADE NO. 1 55.00-62.50.

FEEDER CATTLE: STEERS 75.00-84.50, BULLS 62.00-80.00; HEIFERS 55.00-70.00.

CALVES 239. PRIME 100.50-103.50; CHOICE 98.50-101.00, GOOD 80 50-95.50, STANDARD & GOOD 70.50-80.00, 90-110 LBS. 48.00-52 50, 65-90 LBS. 39.00-48.00, HOLSTEIN BULLS 90-130 LBS. 100.00-127.50, HOLSTEIN HEIFERS 90-130 LBS. 100 00-133.00.

HOGS 95. US NO. 1-2 48.00-49.25, US NO. 1-3 45.50-47.75.

SOWS: US NO. 1-3 40.50-44.50.

BOARS: 35.00-36.50.

FEEDER PIGS: 28. US1-3 20-35 LBS. NO MARKET TEST; 1-3 35-50 LBS. NO MARKET TEST.

SHEEP: 42. CHOICE 45.00-46.50; GOOD 42.00-44.50, SLAUGHTER EWES NO MARKET TEST.

GOATS: 50.00-63.00.

HAY: 12 LOADS ALFALFA 97.00-116.00.

TIMOTHY: 45.00-79.00.

FIREWOOD: 2 LOADS, 23.00-28.00 PER PICK-UP.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, Dec. 4, 1990
Report supplied by auction

SLAUGHTER COWS: UTILITY 49.00-53.50; HIGH DRESSING 54.00-57.75; CANNERS 44.00-49.00; SHELLY 44.00 DOWN.

BULLS: YG#1 62.00-67.50; YG#2 57.00-62.00; 1 SELECT BULLOCK AT 66.75.

FED STEERS: ONE CHOICE 1250 LBS. AT 80.00; LOW CHOICE 1050 LBS. 72.00-76.00; SELECT 66.00-71.00; GRASSERS 1700-2200 LBS. 55.00-61 00.

FED HEIFERS: CHOICE 1150-1250 LBS. 74.00-77.75; 800-1050 LBS. 67.00-72.00; 1 SELECT AT 63.25.

VEAL CALVES: LOW CHOICE 350 LBS. 83.00-87.00; GOOD 72.00-80.00; CULLS 80-110 LBS. 42.00-46.00; 50-80 LBS. 35.00-40.00; WEAK AND ROUGH 35.00 DOWN.

FARM CALVES, HOLSTEIN BULLS: #1 90-125 LBS. 110.00-128 00; #2 60.00-100 00.

HOLSTEIN HEIFERS: 100-125 LBS. 120.00-130.00; BEEF X BULLS 100.00-122.00.

BUTCHER HOGS: #1 AND 3 215-245 LBS. 46.00-47 00; 280-350 LBS. 39 00-44.00, 1 AT 51.00

SOWS: 300-500 LBS. 38 00-41.50; 500-700 LBS. 40.00-42.00; THIN 35.00-38.50.

BOARS: 300-700 LBS. 34.75-36 00; 1 845 LB. AT 33.50.

STOCK CATTLE, STEERS· 300-500 LBS. 70.00-80.00; 600-900 LBS. 68 00-76.50; 900-1050 LBS. 68 00-75 25.

HEIFERS: 300-500 LBS. 66 00-75 00; 500-700 LBS. 64.00-75.00; 700-850 LBS. 61.00-73.00.

BULLS: 300-500 LBS. 79.00-84 00, 500-750 LBS. 65.00-77.00.

LAMBS: CHOICE 80-110 LBS. 50.00-59.00, 60-80 LBS. 54.00-64.00; 50-60 LBS. 65.00-71.00; GOOD 80-110 LBS. 43.00-48.00.

SHEEP. MAINLY 22.00-35 00, FEW 15.00-20.00.

GOATS: LARGE 65.00-90.00; MEDIUM 45 00-60.00, SMALL FLESHY 38.00-46.00.

PIGS AND SHOATS: BY THE HEAD, 15 30 LBS. 22.00-34.00, 35-45 LBS. 36.00-41.00; 50-60 LBS. 41.00-49 00, BY THE POUND, 77 AND 83 LB 81.00-83.00; 99 LBS AT 73 00, 115-150 LBS. 40.00-55.00.

STOCK BOARS: 215-275 LBS 39.00-40 50.

New Holland Dairy

New Holland Sales Stables
Wednesday, Dec. 5, 1990
Report supplied by auction

MARKET STEADY, HEIFERS WEAKER.

SPRINGING HEIFERS· 900 00-1135 00.

SHORTBRED. 600 00-800 00

OPEN HEIFERS· 300.00-650 00

BULLS: 725.00-910.00.

COWS: LOCAL FRESH 700.00-360 00.

LOCAL SPRINGING. 950 00-1110 00

WESTERN PA FRESH: 900.00-1210.00.

PERRY CO FRESH 900 00-1275 00

WISCONSIN FRESH 1400 00-1675 00.

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Estimated Daily Livestock Slaughter

Under Federal Inspection

Dec. 5, 1990

	CATTLE	CALVES	HOGS	*SHEEP*
WED., 12/05/90 (EST)	118,000	8,000	328,000	22,000
WEEK AGO (EST)	117,000	7,000	329,000	22,000
YEAR AGO (ACT)	129,000	8,000	353,000	23,000
WEEK TO DATE (EST)	333,000	24,000	898,000	62,000
SAME PD LT WK (EST)	351,000	22,000	942,000	64,000
SAME PD LT YR (ACT)	380,000	24,000	1,037,000	67,000

Frederick Livestock Auction

Frederick, Md.

Monday, Dec. 3, 1990

Report Supplied by Auction

SLAUGHTER COWS: SMALLER RUN. UTILITY 48.00-53.00; HIGH DRESSING TO 55.75; CANNERS 44.00-48.00; SHELLY 44.00 DOWN.

BULLS: YG#2 1200-1900 LBS 55.00-58.75.

FED STEERS: NO CHOICE OFFERED. SELECT 1100-1600 LBS. TO 65.75.

FED HEIFERS: 1000-1500 LBS. SELECT 60.00-63.50; STANDARD 55.00-59.00.

VEAL CALVES: CHOICE 310 LBS. AT 100.00; 2 250 LB. 85.00 AND 89.00; STANDARD 70 00-79.00; CULLS 80-110 LBS. 42.00-46.00; 50-80 LBS. 35.00-42.00; WEAK, ROUGH, THIN 35.00 AND DOWN.

FARM CALVES: HOLSTEIN BULLS #1 90-125 LBS. 110.00-130 00; #2 80-100 LBS. 60.00-100.00.

HOLSTEIN HEIFERS. 100-130 LBS. 103.00-125.00; BEEF X BULLS TO 117.00; HEIFERS TO 107.00.

BUTCHER HOGS: NONE OFFERED.

SOWS: FEW #1 AND 2 525 LBS. AT 42.50; #3 625 LBS. AT 38.50.

BOARS: 1 850 LB. AT 33.00; 1 760 LB. AT 34.75.

STOCK CATTLE: NO LIGHTWEIGHTS. 1 500 LB. AT 72.50; HOLSTEINS 900-1050 LBS. 58.00-61.50.

HEIFERS: NO LIGHTWEIGHTS. 500-700 LBS. 62.00-73.00.

BULLS: 500-700 LBS. 63.00-68.50.

LAMBS: 5 HD. CHOICE 103 LBS. 47.00; 1 MEDIUM 80 LBS. 45.00.

SHEEP: FEW OFFERED.

GOATS: NONE.

PIGS AND SHOATS: FEW OFFERED. BY THE HEAD, 15-30 LBS. 14.00-28.00.

NEXT MONDAY, DEC. 10 SELLING 8 GRAIN FED HEREFORD STEERS WEIGHING 900-1100 LBS.

SIRE POWER WILL BE BUYING STRONG OPEN COWS FOR THEIR BREEDING SCHOOL.

Heinsey's Poultry

Roots, East Petersburg

Tuesday, December 4, 1990

THERE WILL BE NO AUCTION THE WEEK OF DECEMBER 24TH AND THE NEW YEARS AUCTION WILL BE MONDAY, DECEMBER 30.

Muscovy Ducks, Drakes Range .78-.88.
Hens .50-.68.
Pekin Ducks .40-.54.
Pullets: 5-7# .40-.48.
Red Fowl: 4-4 5# .20-.44; 5-6# .50-.72.
Crossbred Roosters: 4-6# .40-.72; 7-12# .30-.62.
Crossbred Fowl: 5-9# .30-.52.
Banty Roosters 2 00-4.25 ea.
Banty Hens 1 00-1.75 ea.
Guinea Pigs 1 00-3.50 ea.
Goats 42 00-54.00 ea.
Guinea Fowl .50-1.05.
Geese 8-12# .20-.42.
Pigeons 1.35-1.75 ea.
White Pigeons 1.75-2.25 ea.
Rabbits: 4-6# .90-1.12; 7-11# .80-1.00.
Leghorn Hens .12-.18.
Bunnies .75-4.50 ea.
Doves 1.25-2.00 ea.
Chukars 4.15-4.20 ea.
Silkies 4 50-5 10 ea
Total Coops Sold 856.

Central U.S. Carlot

Pork Report

Dec. 5, 1990

Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3:00 P.M.

COMPARED TUESDAY'S 3:00 P.M. CLOSE: FRESH PORK LOINS MOSTLY 4.00 TO 6.00 LOWER; BOSTON BUTTS STEADY IN LIGHT TEST; SKND HAMS MOSTLY 3.00 TO 4.00 LOWER; SDLS BELLIES MOSTLY 2.00 LOWER. DEMAND LIGHYT, MOVEMENT SLOW ON MODERATE TO MOST SUPPLIES AND OFFERINGS.

LOADS PORK CUTS 56.0
LOADS TRIM/ PROCESS PORK CUTS 20.0

LOINS, REG., FRESH

14-18 LBS.*, 8.5 LOADS, PRICE RANGE 94.00-100.50, WGHTD AVG. 95.82.

¼" TRIM, 14-18 LBS., 8.5 LOADS, RANGE 110.00-117.00, WGHTD. AVG. 113.00.

18-22 LBS.*, 2 LOADS, 92.00-95.50, WGHTD. AVG. 93.75.

¼" TRIM 18-22 LBS., 2 LOADS, RANGE 113.00-115.50, WGHTD. AVG. 114.25.

COMBOS 22/UP LBS., UNQUOTED.

LOIN,BLS CTRCT 5-7 LBS.

RANGE 200.00, WGHTD.AVG. 200.00 A.

BNLS SIRLOIN .75-1 LB.

RANGE 140.00, WGHTD. AVG. 140.00 A.

TNDRLN, MUSCLE-OFF

RANGE 280.00-300.00, WGTHD. AVG. 290.00 A.

BOSTON BUTT

4-8 LBS. *, 1 LOAD, RANGE 78.50-81.00, WGHTD. AVG. 79.75.

¼" TRIM 4-8 LBS., 1.0 LOADS, RANGE 97.50-100.00, WGHTD. AVG. 98.75.

COMBOS 8/UP LBS., RANGE 73.00, WGHTD. AVG. 73.00 A.

SPARERIB, FRESH

1.5-3.5 LBS., .5 LOADS, RNAGE 110.00, WGHTD. AVG. 110.00.

3.5-5.5 LBS., UNQUOTED.

SPARERIBS, FROZEN

1.5-3.5 LBS., UQNUOTED.

LOIN, BACKRIB (BOXED)

FRSH/FRZN 1.5/DN LBS., UNQUOTED.

FRSH/FRZEN 1.75/DN LBS., 2.5 LOADS, RANGE 223.00-239.00, WGHTD. AVG. 228.40.

FRSH/FRZN 1.75-2.25 LBS., UNQUOTED.

HAM, SKINNED, FRESH

17-20 LBS., 3 LOADS, RANGE 90.00-99.00, WGHTD. AVG. 93.00.

20-26 LBS., 11.0 LOADS, RANGE 81.00-86.00, WGHTD. AVG. 83.73.

26-32 LBS., UNQUOTED.

32/UP LBS., 1 LOAD, RANGE 78.00, WGHTD. AVG. 78.00.

BELLY, SDLS, SKIN-ON, FRESH

10-12 LBS., .5 LOADS, RANGE 53 00, WGHTD AVG. 53.00.

12-14 LBS., 5.5 LOADS, RANGE 55.00-55.50, WGHTD. AVG. 55.18.

14-16 LBS., 8 LOADS, RANGE 54.00-55.50, WGHTD. AVG. 54.88.

16-18 LBS., 6.5 LOADS, RANGE 52.00-53.00, WGHTD. AVG. 52.77.

18-20 LBS., 3 LOADS, RANGE 50.50, WGHTD. AVG. 50.50.

20-25 LBS., 3 LOADS, RANGE 43.00-45.50, WGHTD. AVG. 44.00.

PORK TRIMMINGS

BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH, 8 LOADS, RANGE 28.50-31.00, WGHTD. AVG. 29.75.

BOXED 42% FROZEN, 4 LOADS, RANGE 33.00-34.75, WGHTD. AVG. 33.69.

COMBO 72% FRESH, 6 LOADS, RNAGE 76.00-76.50, WGHTD. AVG. 76.42.

BOXED 72% FROZEN, UNQUOTED.

BONELESS PICNIC MEAT

COMBO 72% FRESH, 1 LOAD, RANGE 77.00, WGHTD. AVG. 77.00.

BOXED 72% FROZEN, UNQUOTED.

SKINNED JOWLS

COMBO FRESH, UNQUOTED.

BOXED FROZEN, 1 LOAD, RANGE 28.50, WGHTD. AVG. 28.50.

NOTE: (*)REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

PORK CARCASS CUTOUT

WEDNESDAY, DEC. 5

ESTIMATED GROSS CUTOUT VALUES OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES. WEDNESDAY'S CARCASS GRADES AND PRICES PER CWT.:

US#1 74.01, CHANGE FROM TUES VALUE -2.01; US#2 71.66, CHANGE -1.93; US#3 69.31, CHANGE -1.86; US#4 66.96, CHANGE -1 78

TODAY'S CALCULATIONS FOR US#2 175 LB. PORK CARCASS:

HAM, SKINNED, 14-20 LBS., 21 01% OF CARCASS, 99.00 FOB VALUE, CHANGE FROM TUES. -5.00; LOINS, ¼" TRIM, 14-22 LBS., 20.33% OF CARCASS, 113.25 FOB VALUE, CHANGE FROM TUES. -2 75.

BELLIES, SDLS, 12-14 LBS., 13.90% OF CARCASS, 55.00 FOB VALUE, -1.75 CHANGE FROM TUES.; SPARERIBS, 3.5 DN. LBS., 3.03% OF CARCASS, FOB VALUE 107.00.

PICNICS, 8-12 LBS., 10.31% OF CARCASS, FOB VALUE 52.25, CHANGE FROM TUES. -0.75; BUTTS, ¼" TRIM, 4-8 LBS., 7.25% OF CARCASS, 98.75 FOB VALUE, CHANGE 0.25.

JOWL, 2.85% OF CARCASS, 25.00 FOB VALUE; NECKBONES, 1.52% OF CARCASS, FOB VALUE 16.00, CHANGE FROM TUES. -2.00.

FEET, 1.05% OF CARCASS, 21.00 FOB VALUE, CHANGE 1.00, TAILS, .22% OF CARCASS, FOB VALUE 53.00

TRIM 72%, 2.19% OF CARCASS, 76.50 FOB VALUE; LARD, 10.85% OF CARCASS, 13.25 FOB VALUE.

TOTAL CARCASS: 94.51%.

US#2 CARCASSS VALUE PER CWT. 71.66.

NOTE: VALUE MAY CHANGE WITHOUT ADEQUTE TEST.

Peoria Sheep

Peoria, Illinois

Tuesday, December 4, 1990

FEDERAL-STATE OPENING, MID-SESSION AND CLOSE SHEEP: 225 TRADING MODERATE. COMPARED WITH LAST TUESDAY, SLAUGHTER LAMBS 1.00 LOWER.

SLAUGHTER LAMBS: CHOICE AND PRIME 100-110 LBS. 42.00, 115-130 LBS. 40 00.

MANAGERS
Norman & David Kolb - 717-397-5538

Field Representatives
Luke Eberly - 215-267-6608
738-1865
Homer Eberly - 215-267-3047

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Roger Floyd - 717-354-4341

Order Buyer
Paul Good - 215-445-6662

Feeder Pig Representative
Mel Hoover - 717-354-8397

SPECIAL DAIRY SALE CONSIGNMENTS FOR

WEDNESDAY, DECEMBER 12, 1990

✳ 1 Load Fresh Cows From Susquehanna County.
Consigned By Alfred Albright
✳ 1 Load Top 2nd And 3rd Calf Cows From Wisconsin, Milking Between 80 And 90 Lbs.
Consigned By Dale Hostetter
✳ 1 Load Franklin County Cows
Consigned By Marvin Eshleman
✳ 14 Open Heifers, Vaccinated, 8 To 12 Months Old, 8 Purebreds 6 ID Grades w/Records On Dams. This Is A Well Feed Group Of Heifers That Are Really Sharp. Sires Include Tong And Rocky.

Heifer Sale 11:00 A.M.
Fresh Cows & Springers At 12:00 Noon

Early Consignments For Wed., Dec. 19
30 Head Of Vaccinated AI Sired Heifers Due After The 1st Of The Year.
Consigned By Harold Myer, Lebanon County

HORSE SALE
FRI., JAN. 4, 1991
Tack 9:00 A.M. Sale 10:00 A.M.

Special Sales Schedule For The Christmas Season

Monday, December 24
8:00 A.M. Regular Slaughter Hog Sale
No Horse Sale
No Beef Sale

Wedesday, December 26
No Dairy Sale
1:30 P.M. Feeder Pig Sale

Thursday, December 27
10:00 A.M. Beef Auction
1:30 P.M. Sheep, Goats, Calves

Week Of Dec. 31- Regular Schedule Will Resume.

Note: These Time Changes Starting Jan. 1, 1991

Thurs.- Sheep, Goats, Calves- 12:30 P.M.
Mon.- Slaughter Hog Sale 8:00 A.M.

Peoria Cattle

Peoria, Illinois
Tuesday, December 4, 1990

FEDERAL-STATE WEEKLY COW AND BULL AUCTION-MONDAY, NOVEMBER 26, 1990.

RECEIPTS THIS WEEK: 275 LAST WEEK: 278 LAST YEAR: 193.

COMPARED WITH LAST MONDAY, SLAUGHTER COWS AND BULLS MOSTLY STEADY. NOT ENOUGH SALES OF FEEDER CATTLE FOR A MARKET TEST.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 49.50-57.00 CUTTER AND BONING UTILITY 1-3 49 00-54.50 CANNER AND LOW DRESSING CUTTER 1-2 41.00-48 50.

BULLS: YG 1-2 1275-2390 LBS. 56 50-64 25.

Greencastle Livestock

Greencastle, Pa.
Monday, Dec. 3, 1990

SLAUGHTER' CATTLE RECEIPTS: 1274 HD. SLAUGHTER STEERS: 122 HD. TREND: STEADY TO 1.00 HIGHER. HIGH CHOICE & PRIME 2-4 82.00-87.00; CHOICE 2-3 950-1075 LBS. 75.00-79.50; CHOICE 2-3 1075-1375 LBS. 76.00-82.00; CHOICE 2-3 OVER 1375 LBS. 74.00-78.00; CHOICE 4, ALL WEIGHTS 73.00-78.00; SELECT AND CHOICE 1-2 950-1100 LBS. 73.00-76.00; SELECT AND CHOICE 1-2 1100-1375 LBS. 71.00-76.00; SELECT AND CHOICE 1-2 OVER 1375 LBS. 70.00-74.00.

HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 70.00-74.00; SELECT 1-2 1050-1450 LBS. 65.00-70.00.

SLAUGHTER HEIFERS: 39 HEAD. TREND: STEADY TO 1.00 HIGHER. CHOICE 2-3 850-1000 LBS. 69.00-75.00; CHOICE 2-3 1000-1250 LBS. 75.00-81.75; CHOICE 4 ALL WEIGHTS 71.00-75.00; SELECT AND CHOICE 1-2 850-1000 LBS. 66.00-72.75; SELECT AND CHOICE 1-2 1000-1250 LBS. 72.00-76.50.

HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 65.00-69.00; SELECT AND CHOICE 1-2 1000-1350 LBS. 59.00-64.50.

SLAUGHTER BULLS: 30 HEAD. TREND: STEADY. YG#1 ALL WEIGHTS 59.00-67.00; YG#2 ALL WEIGHTS 53.00-58.30.

BULLOCKS: 2 HEAD. CHOICE 1-3 1150-1375 LBS. 66.00-70.00.

COWS: 390 HD. TREND: STEADY TO 1.00 HIGHER. BREAKING UTILITY AND COMMERCIAL 48.00-54.00; CUTTER AND BONING UTILITY 47.00-53.00; CANNER AND LOW CUTTER 46.00 & DOWN.

STOCKER AND FEEDER CATTLE RECEIPTS: 86 HEAD. *TREND: STEADY. BEEF TYPES 200-400 LBS. STEERS 78.00-92.00, BULLS 75.00-90.00, HEIFERS 68.00-78.00; 400-600 LBS. STEERS 75.00-89.00, BULLS 65.00-73.00, HEIFERS 62.00-74.00; 600-800 LB. STEERS 70.00-84.00, BULLS 60.00-65.00, HEIFERS 60.00-67.00; 800-975 LBS. STEERS 70.00-76.00, BULLS 55.00-60.00, HEIFERS 59.00-66.00.

HOLSTEINS & DAIRY CROSS: 200-400 LBS. STEERS 74.00-91.00, BULLS 70.00-82.00, HEIFERS 80.00-105.00; 400-600 LBS. STEERS 68.00-74.00, BULLS 61.00-64.00, HEIFERS 68.00-79.00; 600-800 LBS. STEERS 59.00-67.00, BULLS 55.00-60.00, HEIFERS 59.00-67.00; 800-975 LBS. STEERS 55.00-62.50, BULLS 50.00-57.00, HEIFERS 55.00-62.50.

CALVES: 535 HD. TREND: STEADY TO WEAK. CHOICE 150-300 LBS. NONE OFFERED; GOOD 150-300 LBS. 70.00-75.00; GOOD 100-150 LBS. 65.00-70.00; GOOD 80-100 LBS. 50.00-60.00; STANDARD 80-100 LBS. 42.00-49.00; STANDARD 80 LBS. & DOWN 41.00 & DOWN. CALVES RETURNING TO FARM: TREND: STEADY TO WEAK. HOLSTEIN BULLS OVER 100 LBS. UP TO 145.00, UNDER 100 LBS. UP TO 135.00; HOLSTEIN HEIFERS, OVER 100 LBS. UP TO 145.00, UNDER 100 LBS. UP TO 125.00; BEEF TYPE BULLS, OVER 90 LBS. UP TO 130.00, BEEF TYPE HEIFERS, OVER 90 LBS. UP TO 180.00

SHEEP AND LAMBS: 86 HD. TREND: STEADY TO 1.00 HIGHER. CHOICE 80-100 LBS. 46.00-48.00, 100-120 LBS. 43.00-47.00; 120 & OVER 40.00-44.00; MEDIUM & GOOD ALL WEIGHTS 42.00-46.00; LIGHT LAMBS, 50.00-55.00; CULL LAMBS, 40.00 AND DOWN.

SHEEP: EWES LEAN 19.00-23.00; EWES FAT 16.00-21.00; YEARLINGS 28.00-38.00; BUCKS 18.00-24.00.

GOATS: 30 HD. SMALL 20.00-39.00; MEDIUM 40.00-60.00; LARGE 61.00-90.00.

HOGS, SOWS & BOARS: 140 HD. HOGS: BARROWS & GILTS. TREND. 2.00 LOWER. 210-250 LBS. 44.50-46.75; 250-260 LBS. 42.00-45.50; 260-270 LBS. 41.00-44.00; 270-300 LBS. 40.00-44.50.

LIGHT HOGS: 140-180 LBS. 35.00-41.00; 180-210 LBS. 39.00-43.50.

SOWS: TREND: STEADY TO WEAKER. GOOD SOWS UNDER 400 LBS. 38.00-42.00; GOOD SOWS OVER 400 LBS. 37.00-41.75; CULL SOWS ALL WEIGHTS 36.50 & DOWN.

BOARS: TREND: STEADY. 180-210 LBS. 36.00-39.00; 210-260 LBS. 36.00-40.00; 260-300 LBS. 33.00-35.00; 300 LBS. & OVER 34.00-35.50.

FEEDER PIGS: (BY THE HEAD) NONE OFFERED.

SALE EVERY MONDAY AT 2:00 P.M. & EVERY THURSDAY AT 1:00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11:30 A.M.

SPECIAL FEEDER CATTLE SALE: FRIDAY, DEC. 7 AT 7:15 P.M.

SPECIAL FEEDER PIG SALE: SATURDAY, DEC. 22 AT 1:00 P.M.

New Wilmington Livestock Auction

New Wilmington, Pa.
Monday, December 3, 1990
Report Supplied by PDA

CATTLE 300...PDA...Compared with last weeks market: Slaughter cows 1 00 lower. Few Choice slaughter steers 77.00-79.25, one 81.75, few Select 72 00-75 00, Standard 63.00-70.00, few Utility 57.00-60.75. Couple Choice sl heifers 76.00, couple Select 71.25 & 72 75, one Standard 67.50. Breaking Utility & Commercial sl. cows 49.00-51.75, few 53.75, Cutter & Boning Utility 45.00-49.75, Canner & Low Cutter 36 50-45 50, Shells down to 20.00. Yield Grade No. 1, 1110/1875 lbs. sl. bulls 57.25-61.50, couple 63.25 & 64.25, one No. 2, 1060 lbs. 52.00. Feeder Cattle: Medium & Large Frame No. 1, 300/550 lbs. steers 76.00-83.50, One 90.00, Medium Frame No. 2, 350/650 lbs. 60.00-69 50. Medium & Large Frame No. 1, 280/470 lbs. heifers 67.00-78.50, No. 2, 350/665 lbs. 45.00-60 00. Medium and Large Frame No. 1, 300/570 lbs. bulls 69 00-83.00.

CALVES 314...Couple Choice vealers 121.00 & 1329.00, one Good 95.00, Standard & Good 90/120 lbs. 40.00-50.00, 50/85 lbs. 39.00-44.00. Farm Calves: Hol. Bulls No. 1, 90/140 lbs. 80 00-130.00, lot 85 lbs. 60.00, #2, 90/120 lbs. 60 00-90 00, No. 1, Hol. Heifers 85/130 lbs. 100 00-125.00. Beef cross 85/145 lbs. bulls & heifers 95.00-155.00, one 187.50, few down 70.00.

HOGS 416. .Barrows and gilts 1 50 to 3 00 lower. US No. 1-2 210/250 lbs. 46 00-47.00, few 48 00, 1-3 220/270 lbs. 45 00-46.25, lot 2-3 235/275 lbs. 43 25-45.00 Sows: 1.00 to 2.00 lower US No. 1-3 290/615 lbs. sows 39.50-45.50, few 47.50, few 2-3 340/740 lbs. 32.50-35 25. Boars 33.00-40.00.

FEEDER PIGS 24.. US No. 1-3 35/40 lbs. feeder pigs 37.00-39.00 --- all per head.

SHEEP 28...Choice 90/100 lbs. wool slaughter lambs 49.00-51.00, one 80 lbs. 58 00; small lot Good & Choice 60 lbs. feeder lambs 39.00 - all cwt. Slaughter sheep 10 00-21.00.

GOATS 3...Couple Medium 35 00 & 39 00, one Small 20.00 --- all per head.

Eighty-Four Livestock Auction

Eighty-Four, Pa.
Monday, December 3, 1990
Report Supplied by PDA

AUCTION NOT REPORTED MONDAY, DECEMBER 3, 1990, ALTHOUGH HEADAGES ARE AVAILABLE: CATTLE 367, CALVES 200, HOGS 130, FEEDER PIGS 39, SHEEP 54, GOATS 7.

Mercer Livestock Auction

Mercer, Pa.
Tuesday, December 4, 1990
Report Supplied by PDA

REPORT FOR DEC. 4, 1990 NOT AVAILABLE REPORT FOR NOV. 27, 1990 NOT AVAILABLE.

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- 120 Volt
- Ratcheted Brass Socket
- Medium Base
- Starting Temperatures O° Made in USA

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3200	7	40 WATTS	400
3500	9	60 WATTS	600
3700	13	75 WATTS	900

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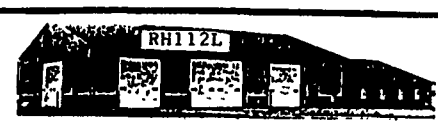

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FRI. DEC. 14	9:00 A.M.	New Hardware, Tools of all Descriptions, Shop Equipment and Supplies, Christmas Items. Located 20 miles Southeast of Lancaster, 7 miles South of Quarryville, 6 miles North of Oxford. 1 mile Southeast of Route 472 from Kirkwood at 422 Cooper Drive, Lanc. Co., Pa. For Stoltzfus Hardware, Elam Stoltzfus, Owner (On premises)
SAT. DEC. 15	9:30 A.M.	Real Estate and Household Goods at 2108 Lyndell Drive, 2 Miles East Of Lancaster Just South Of Route 23 For Esther V. Kolb, Owner. (On The Premises).
MON. DEC. 17	4:00 P.M.	Equipment and Supplies of Modern Service Station in Possession of Blue Ball National Bank.
1991		
SAT. FEB. 16	10:00 A.M.	Mules and Farm Equipment ½ Mi. Northwest Of Little Britain For Amos F. Miller (On The Premises)
TUES. FEB. 19	9:00 A.M.	Livestock And Farm Equipment Located ½ Mile South Of Nickle Mines, 1 Mile North Of Rt. 896 From Georgetown, Lanc. Co. For Mrs. Jonas King And Reuben B. Fisher. (On The Premises).
TUES. MAR. 5	9:00 A.M.	Dairy Cows and Farm Equipment 3 Miles South of Strasburg Along Eisenberger Road for Levi S. Fisher (On The Premises).
SAT. MAY 4	9:00 A.M	Large Collection of Toy Trains and Toy Railroad Items From 1940's To Present. Many Hard To Find Pieces For Gary Martin, Owner.

DECEMBER 1990

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MARCH 1991

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MAY 1991

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THE OLD FARMER'S ALMANAC

DEC. 10-16, 1990

Nostradamus born, Dec. 14.

Dec 10, 1607, Captain John Smith is captured by Indians and subsequently rescued by Pocahontas, daughter of Chief Powhatan Dec 11, 1719, first recorded display of aurora borealis in America Dec 14, 1798, David Wilkinson of Rhode Island patents a machine for making screws Dec 16, 1811, a severe earthquake at New Madrid, Missouri, is felt as far away as Boston *Make the most of yourself, for that is all there is of you*

Ask the Old Farmer: Do you know of any formula to preserve paper and old documents? E M , Del

Here's one Dissolve a milk of magnesia tablet in a quart of club soda, and let it set overnight Then pour it into a pan large enough to hold the paper flat Let the paper soak for up to one hour Take it out carefully and pat dry Then let it set until completely dry before moving it

Home Hints Save the wrapper from the butter or margarine when baking cookies and use it to grease the cookie sheet

OLD FARMER'S WEATHER FORECAST

New England: The tail end of a snowstorm begins this week Cold, with flurries through the second half of the week Clearing with a cold snap at week's end

Greater New York-New Jersey: Intermittent rain through the first half of the week, with snow in the north A cold snap, cloudy, and snowy for the second half

Middle Atlantic Coastal: Rain continues through midweek, steady in the west, scattered in the east Turning colder and snowy Snow ends as the week begins

Piedmont & Southeast Coastal: Rain-soaked days begin the week Diminishing to showers, except in the south where heavy rain persists Becoming cooler

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Grantsville Livestock

Grantsville, Maryland
Sat., Dec. 1, 1990

HOGS. TOP BARROWS & GILTS 46 50-49 80; HEAVY BUTCHER 42 00-48 00; LIGHT BUTCHER 40 50-47 50; BUTCHER SOWS 38 00-45 50; FEEDER SHOATS 8 00-48 00.

VEAL: GOOD 65 00-90 00, STANDARD 45.00-55 00, UTILITY 30.00-40 00, BULL CALVES 125.00.

SHEEP & LAMBS: GOOD 40.00-43.50; UTILITY 25 00-35 00, SLAUGHTER EWES 12.00-20 00.

SLAUGHTER CATTLE. STEERS: GOOD 72.00-74.50; STANDARD 65 00-70 00; UTILITY 58.00-62.00.

HEIFERS: 65.00-71.50; STANDARD 55.00-60 00; UTILITY 48.00-52.00.

COWS· COMMERCIAL 44 00-51.00; UTILITY 40.00-42.00; CANNER AND CUTTER 35.00-38 00

BULLS: COMMERCIAL & GOOD 55.00-63.25; CUTTER & UTILITY 50 00-53.00.

STOCK-FEEDER CATTLE: GOOD 75 00-85.00; MEDIUM 60 00-70.00.

STEER CALVES: GOOD 80.00-95.00, MEDIUM 65 00-75 00

HEIFER CALVES: GOOD 70 00-80 00, MEDIUM 55.00-65 00.

Oklahoma City Feeder Cattle

Oklahoma City, Okla.
Wednesday, December 5, 1990

OKLAHOMA NATIONAL STOCKYARDS WEEKLY CATTLE SUMMARY COMPARED TO LAST WEEK'S CLOSE: STEERS AND STEER CALVES STEADY TO $2 00 LOWER, CLOSING MOSTLY STEADY, EXCEPTION WEIGHTS OVER 775 LB. $2 00-$4.00 LOWER. HEIFERS AND HEIFER CALVES STEADY TO $2 00 LOWER. DEMAND GOOD. TRADE ACTIVE. TRENDS IN PART ARE AN ADJUSTMENT TO LAST WEEK'S VERY SHARP ADVANCES. QUALITY AVERAGE THROUGH ATTRACTIVE AND OVERALL BELOW LAST WEEKS FANCY PAR. MODERATELY THIN THROUGH AVERAGE FLESH CONDITIONS ON MAJORITY OF CALVES; YEARLINGS LARGELY SLIGHTLY THIN THROUGH MODERATELY FLESHY. SLAUGHTER COWS STEADY TO $1.00 LOWER. SLAUGHTER COW DEMAND CLOSED FAIR. COUNTRY COW BUYERS AGGRESSIVE FOR NUMBERS THIS WEEK PURCHASING 70% OF OFFERINGS. SLAUGHTER BULLS STEADY TO FIRM. BULL DEMAND MODERATE. RECEIPTS THIS WEEK 8,800, LAST WEEK 7,914; LAST YEAR 8,868. SUPPLY INCLUDED 40% YEARLINGS, 47% CALVES, AND 13% COWS & BULLS.

BULK PRICE RANGES FOR THE WEEK FOLLOW:

FEEDER STEERS· MEDIUM AND LARGE FRAME 1, 300-350 LB. $122 00-$133.00; 350-400 LB. $115.00-$124.00; 400-450 LB. $112.50-$120 00; 450-500 LB. $107.00-$114.00; 500-550 LB. $97.50-$107.50; 550-600 LB. $97.00-$106.00; 600-650 LB. $94.50-$99.25; 650-700 LB. $92.25-$95.75; 700-750 LB. $93.00-$94 50; 750-800 LB. $89.00-$93 00; 800-850 LB. $87.00-$90.00 LARGE FRAME 2 HOLSTEINS, 250-325 LB. $108 00-$116 00; 500-550 LB. $83 50-$84 00, 600-700 LB. $73.50-$80.00, 700-750 LB. $72.25-$73.75.

FEEDER HEIFERS: MEDIUM AND LARGE FRAME 1, 250-350 LB. $106.00-$112.00; 350-400 LB. $101.50-$106.00; 400-450 LB. $95.50-$104.25; 450-500 LB. $92.00-$98.25; 500-550 LB. $90.25-$96.00; 550-600 LB. $88.00-$94.25; 600-700 LB. $85.25-$88.75; 700-800 LB. $85.00-$87.00.

SLAUGHTER COWS: CUTTER, BONING AND BREAKING UTILITY Y.G 1-4 AVERAGE DRESSING $46 25-$49.00; HIGH DRESSING $48.00-$51.50; LOW DRESSING $44.50-$47.50. CANNER AND LOW CUTTER $40.00-$43.50, HOLSTEINS TO $45 00.

SLAUGHTER BULLS: Y.G. 1 1200-2400 LB. AVERAGE DRESSING $59 00-$63.50; HIGH DRESSING $63 00-$64.50; VERY HIGH BONING LIMOUSIN $69.00; LOW DRESSING $55.25-$59.50.

Isennock Auction

New Park, PA
Monday, Dec. 6, 1990
Report supplied by auction

SLAUGHTER COWS: GOOD 50.50-56.25; LOW TO GOOD 50.00 AND DOWN.

VEAL CALVES: 130-145 LBS. 76.00-93.00; 110-120 LBS. 90.00-115.00; 95-105 LBS. 80.00-129.00; 85-90 LBS. 70.00-92.00; WEAK AND ROUGH 58.00 AND DOWN.

FEEDER CATTLE: 335-465 LB. BULLS 67.00-70.00.

FED STEERS: 880-1580 LBS. 66.00-69.75.

FED HEIFERS: 1 AT 1015 LBS. 68.75

HOGS: 240-285 LBS. 44.00 45.75.

FEEDER PIGS: 25 LB. AVG. 16 00 HEAD.

GOATS: MEDIUM 42.00-43.00 HEAD.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Dec. 3, 1990
REPORT SUPPLIED BY AUCTION

REGISTERED RECEIPTS OF 273 HEAD OF HORSES, MULES AND PONIES. MARKET STRONG, 25.00-50 00 HIGHER ON ALL HORSES

LOCAL WORK: 750.00-950.00, 1 AT 1020.00.

SHIPPED WORK: 650.00-900 00.

LOCAL RIDING AND DRIVING MOSTLY 400.00-650.00, 1 DRIVING AT 750 00.

SHIPPED LOADS OF DRIVING 500.00-750.00.

FEW BETTER HORSES UP TO 1200.00.

KILLER HORSES: HEAVYWEIGHT 700.00-660.00, LIGHTWEIGHT 330.00-475.00.

THIN: 225.00-325.00.

PONIES, LARGE: 205.00-405.00.

SMALL: 125.00-200.00.

COLTS: 25.00-75.00

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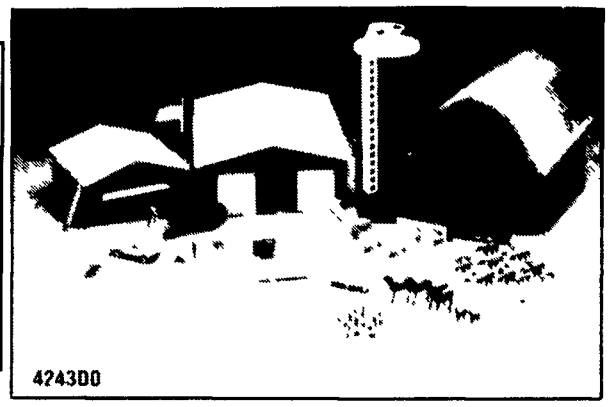

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Virginia Cattle & Hogs

Virginia Weekly

Richmond, Va.
Thursday, December 6, 1990

WEEKLY REVIEW IN VIRGINIA MARKETS IN REVIEW; NOV. 29-DEC 5, 1990. FEEDER STEERS AND HEIFERS IN VIRGINIA WERE MOSTLY $1 50 TO $5.00 HIGHER AS MIDWEST PRICES WERE $1.00-2.50 HIGHER.

SLAUGHTER STEERS AND HEIFERS IN VIRGINA WERE $.50-2.75 LOWER AS MIDWEST PRICES WERE MOSTLY $1.00-1.50 LOWER.

COWS AND BULLS IN VIRGINIA WERE MIXED WITH COWS $.25-1.50 HIGHER AND BULLS $3.75 LOWER. MIDWEST PRICES WERE STEADY TO $1 50 LOWER ON COWS AND BULLS. BEEF PRODUCTION WAS 8% ABOVE A WEEK AGO BUT 10% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 4 POUND HEAVIER THAN A YEAR AGO.

LAMB PRICES IN VIRGINIA WERE STEADY TO $2.50 LOWER AS MIDWEST PRICES WERE STEADY TO $1.00 LOWER. LAMB PRODUCTION WAS 20% ABOVE A WEEK AGO AND 11% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 3 POUNDS LIGHTER THAN A YEAR AGO.

SLAUGHTER HOG PRICES IN VIRGINIA WERE $.50 LOWER AS MIDWEST PRICES WERE $1.00 LOWER. FRESH PORK PRICES WERE $.50 TO $6.50 LOWER EXCEPT HAMS WERE $4.00 HIGHER. HOG PRODUCTION WAS 24% ABOVE A WEEK AGO AND 4% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 1 POUND HEAVIER THAN A YEAR AGO.

THE VIRGINIA DIRECT HOG MARKET NOV. 29-DEC 6,1990 RECEIPTS FOR THE DIRECT HOG MARKET IN VIRGINIA FOR THE PERIOD TOTALED 3,496 HEAD COMPARED TO LAST WEEK 2,936 HEAD. THE SOUTHEAST VIRGINIA HOG MARKET CLOSED $.50 LOWER COMPARED TO LAST WEDNESDAY'S TRADING WITH BARROWS AND GILTS: COUNTRY POINTS LOCAL PLANT DELIVERED (30 MILE RADIUS) US 1-3 220-240 LBS 45.50-45.75 46.50-47.00 US 3-4 220-240 LBS 45.00-46.00 US 1-3 200-220 LBS 41.00-44.00 US 2-4 250-270 LBS 41.00-44.00 US 3-4 270-300 LBS 38.00-39.00 SOWS $36.00-42.90 AND BOARS $28.00-34.00 VALLEY AND NORTHERN VIRGINIA HOGS; 687 HEAD FOR THE PERIOD. US 1-3 210-250 LBS $44.55-45.25.

SLAUGHTER STEERS AND HEIFERS 1%; SLAUGHTER COWS 18% SLAUGHTER BULLS 2%, SLAUGHTER CALVES AND VEALERS 0%; FEEDER CATTLE UNDER 600 LBS 59%, OVER 600 LBS 20%.

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS. SLAUGHTER CATTLE STEERS; CHOICE 2-3 1100 LBS & OVER 75.00-79.75 HEIFERS; CHOICE 2-3 1100 LBS & OVER ---- SLAUGHTER COWS UTILITY & COMMERCIAL COWS 42.00-55.25 SLAUGHTER BULLS BULLS - 1-2 900-1300 LBS 50.00-64 00 1-2 1300-1600 LBS 52.00-65.00 1-2 1600 LBS & OVER 52 00-65.25 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE & PRIME 100-250 LBS --- GOOD AND CHOICE 100-250 LBS --- CALVES - GOOD AND CHOICE 250-500 LBS --- SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS WOOL 41.50-47.50 SLAUGHTER HOGS US 1-3 200-250 LBS 45.00-48.00, FEW 50.00-54.00*** **FEW LOTS RETURNED FOR HOME SLAUGHTER.** SOWS US 1-3 300-500 LBS 37.80-43.00 500 LBS & OVER 40.00-47.00.

FEEDER CATTLE STEERS; MEDIUM 1 HEIFERS: MEDIUM 1 200-300 LBS 94.00-118.00 300-400 LBS 80.00-98.00 300-400 90.00-115.00 400-500 75.00-91.00 400-500 88.00-107.00 500-600 72.00-85.00 500-600 82.00-97.00 600-700 69.00-83.00 600-700 78.00-91.00 700-800 68.50-78.00 700-800 74.50-87.50 800-900 --- 800-900 74.00-83.75.

Central & Southeast Virginia Livestock Summary

Smithfield Blackstone
Southside, Va.
Wednesday, December 5, 1990

SLAUGHTER HOGS 190 HEAD SLAUGHTER SOWS 1.25-4 00 LOWER SOWS US 1-3, 300-500 LB. 37.80 US 1-3, 500 LBS. & OVER 40.00 - 40 80 BOARS 300-600 LB. 35.50 - 38.10.

SLAUGHTER CATTLE 101 HEAD SLAUGHTER COWS STEADY SLAUGHTER STEERS & HEIFERS 10 HEAD STEERS SELECT 2-3, 900-1100 LB. 70 00 - 71.50 HEIFERS CHOICE 2-3, 900-1100 LB 69 50 - 72.25 SLAUGHTER COWS 80 HEAD COWS CUTTER & BONING UT. 1-3 44 00 - 52.25 BREAKING UT. & COMM 2-4 44 00 - 50.25 CANNER AND LOW CUTTER 1-2 36.00 - 44.00 SLAUGHTER BULLS 11 HEAD BULLS Y G 1-2, 900-1300 LB 55.00 - 65.00 Y.G. 1-2, 1300-1600 LB 52.50 - 56.00 Y.G. 1-2, 1600 LBS & OVER 62.00 - 64.00

BABY CALVES RETURNED TO FARMS 16 HEAD NEWBORN TO 4 WKS OLD 25 00-77.50, MOSTLY 40 00-60.00

FEEDER CATTLE 229 HEAD STEERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 98.00 - - 87.00- 90.00 400-500 93 50 - 86 00- 88.00 89.00 500-600 90 00 - - - 600-700 82 00 - - 72 50 700-800 78 00- 80.00

HOLSTEIN STEER MED & LARGE 2 300- 500 71.50.

HEIFERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 82.50 - - 78 00 400-500 76 00- 78.00 - 65.00- 66.00 72.50- 76.00 500-600 75.00- 76.00 - - 63.00 600-700 - - - 55.00- 66.00.

BULLS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 79.00- 88.50 - - - 400-500 79.50- 82.50 - - 79.00- 91.00 500-600 66.00- 79.50 - - 64.50- 80.50 600-700 62.00- 63.00 - - 65.00- 78.00.

Northern Virginia Livestock Summary

Marshall, Va.
Tuesday, December 4, 1990

SLAUGHTER STEERS & HEIFERS 41 HEAD STEERS CHOICE 2-3, 1000-1150 LB. 78.00 CHOICE 2-3, 1150-1300 LB. 75.00 - 80.00 SELECT 2-3, 900-1100 LB. 74.80 - 78.00 SELECT 2-3, 1100 LBS. & OVER 74.25 - 78.50 HOLSTEIN STEERS SELECT 1-2, 1100-1500 LB. 67.00 HEIFERS CHOICE 2-3, 900-1100 LB. 75.75 - 77.25.

SLAUGHTER COWS 138 HEAD COWS CUTTER & BONING UT. 1-3 45.00 - 53.50 BREAKING UT. & COMM. 2-4 47.00 - 55.25 CANNER AND LOW CUTTER 1-2 40.00 - 48 75 SLAUGHTER BULLS 16 HEAD BULLS Y.G 1-2, 900-1300 LB. 50.00 - 64.00 Y.G. 1-2, 1300-1600 LB. 52.00 - 61.75 Y.G. 1-2, 1600 LBS & OVER 53.25 - 60 50.

COWS RETURNED TO FARMS 17 HEAD M-1, 3-6 YRS OLD 950-1100 LBS $600 00-680 00

BABY CALVES RETURNED TO FARMS 4 HEAD NEWBORN TO 4 WKS OLD 125 00 100 LBS & OVER BY CWT 77 50-100 00

FEEDER CATTLE 340 HEAD STEERS MEDIUM 1 LARGE 1 SMALL 1 MED & 1 ARGE 2 300-400 92 00- 94 00 - 82 00- 89 00 - 400-500 90 50- 94 00 92 00 - - 500-600 83 00- 86 00 - 82 50 - 600-700 82 75 - - - 700-800 81 50 - - - 800-900 77 50 82 25

HOLSTEIN STEER MED & LARGE 2 1100 & OVER 56 50

HEIFERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 83 50 - 70 00- 77 00 - 400-500 88 00 88 00 73.00- 76 00 - 500-600 70 50- 76 00 78 00 68.50 - 600-700 71.50

BULLS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 100 00 - 77.00- 84.00 - 400-500 76 50- 80 00 - - - 500-600 76 25- 77 00 - 71.50 - 600-700 68.00- 76 50.

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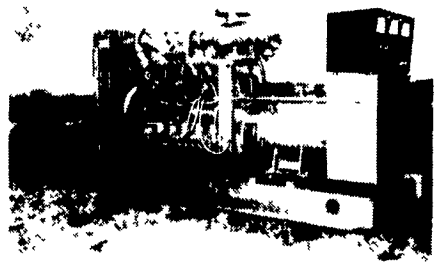

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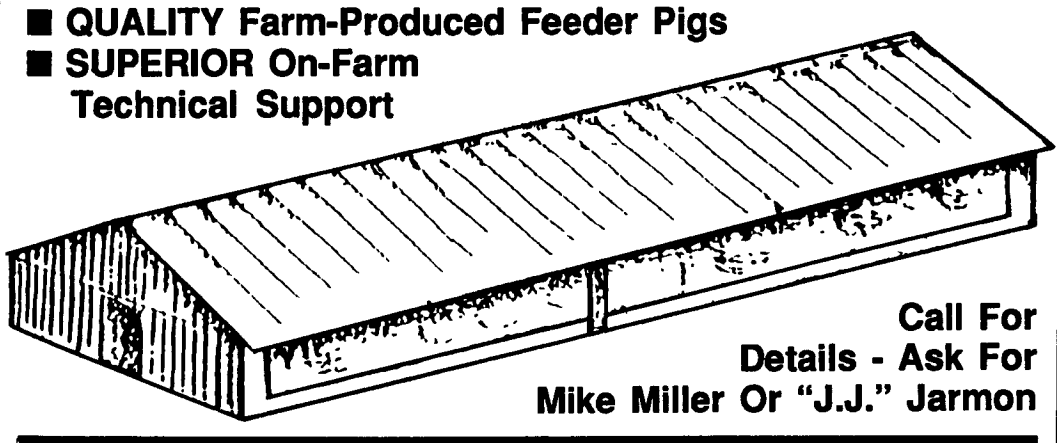

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Lancaster Farming

OPINION

Now The World Knows

The U.S. Environmental Protection Agency (EPA) has completed its five-year National Survey of Pesticides in Drinking Water Wells (NPS). The results of the survey -- announced November 13 -- indicate that 89.6 percent of the nation's community water system (CWS) wells and rural domestic wells are pesticide free. And in the vast majority of wells estimated to contain at least one pesticide, quantities are considered too small to present any health hazard.

"The results of this survey are very encouraging," says Amy E. Brown, pesticide education coordinator for the Maryland Cooperative Extension Service, University of Maryland System. "They suggest that although we should continue to be vigilant in our efforts to reduce our reliance on chemical pesticides and improve our application methods, there is no need for undue concern regarding the quality of well water in the United States."

A joint project of EPA's Office of Drinking Water and Office of Pesticide Programs, the survey provides a national assessment of the presence -- both frequency and concentration -- of pesticides and nitrate in drinking water wells. Results are based on a statistically relevant sample of more than 1,300 wells nationwide.

While the survey does not represent specific conditions at the local, county or state level, it does provide some tangible figures for those people who always want to blame agriculture for problems of national health. We know farmers are environmentalists. Now the world knows.

Farm Calendar

Saturday, December 8

Keystone Shepherds' Symposium, Lancaster Sheraton, thru Dec. 9.

Sunday, December 9

Keystone Shepherds' Symposium, Lancaster Sheraton.

Monday, December 10

Fifth regional meeting on biosecurity for poultry, reducing risks, Clayton Hall, U. of Del., 8:30 a.m.-3:30 p.m.

MACE Poultry Biosecurity Conference, Clayton Hall, U. of Del.

Octorara Young Farmers Assoc., "Water Quality On The Farm," Octorara H.S., Ag Ed Room, 7:30 p.m.

Tuesday, December 11

Lancaster Co. Milking Parlor Design Seminar, Harvest Drive Restaurant, Intercourse, 9:30 a.m.-3:15 p.m.

Adams Co. Dairy Feeding Meeting and Crops Show, Vo-Ag Shop, Gettysburg High School, 7:30 p.m.

Adams Co. Milking Center Design and Automation, 10 a.m.-3 p.m.

Wednesday, December 12

Mid-Atlantic Conservation Tillage Conference, Penn Harris Convention Center, Camp Hill, 8:30 a.m.-3:40 p.m.

TV teleconference, Mid-Atlantic Conservation Tillage Conference, Penn Harris Convention Center, Camp Hill, 8:30 a.m.-3:40 p.m.

Milk Marketing Inc. annual delegate meeting, Fawcett Center for Tomorrow, The Ohio State University, Columbus, Ohio.

Thursday, December 13

Dairymen, Inc. annual corporate meeting, Nashville, TN, thru Dec. 14.

Grounds Managers' Seminar, Warrington Motor Lodge, Warrington, 9 a.m.-3:45 p.m.

Friday, December 14

Dairy Seminar, Country Table Restaurant, Mount Joy, 8:15 a.m.

Pa. Egg Marketing Association annual Christmas dinner, Olde Hickory Inn, Lancaster, 7 p.m.

Pennsylvania Seedsmens' Association annual meeting, Eden Resort Inn and Conference Center, 9:30 a.m.-3 p.m.

Saturday, December 15

Sunday, December 16

Monday, December 17

Pesticide application recertification training, Clayton Hall, U. of Del., 9 a.m.-4 p.m.

Berks Co. Ag Elections, Community and County Convention, Ag Center, 11 a.m.

Tuesday, December 18

Milk Equipment and Mastitis Workshop, Susquehanna, Wyoming, and Lackawanna counties.

Wednesday, December 19

Susquehanna Co. Milking Equipment and Mastitis Workshop, The Mountain View Restaurant, Clifford, 9:45 a.m.-3 p.m.

(Turn to Page A31)

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NOW IS THE TIME

By Jay Irwin
Lancaster County
Agricultural Agent

To Check Barn Ventilation

Proper ventilation of all types of livestock and poultry buildings is very important during the winter months. When the warm, moisture-laden air is not moved out of the area, we usually see condensation on the windows, walls and ceilings. This is especially true with little or poor insulation. Exhaust fans will move air out, and protect the building. This time of year the barns are filled with livestock; these animals give off large amounts of body heat. When condensation occurs it is a sign that some attention is needed; in most cases it is a problem with ventilation or with insulation.

To Understand Biotechnology

The term, biotechnology, may be mysterious to some people, and if they don't understand it, they may actually have a fear of it, according to Glenn Shirk, extension dairy agent. Biotechnology is not new. For centuries biological organisms, such as yeast and bacteria have been used to bake bread and ferment foods, and more recently to produce human insulin and the enzyme (TPA) that is used to dissolve blood clots. Genetically, we have been able to improve plants and animals through the process of breeding and selection.

Today, scientists have refined biotech procedures to the point that they are able to isolate single genes that are responsible for a desirable trait, and transfer them into the cell of another bacteria or plant. Improvements that used to take 15 to 20 years to accomplish can now be done in 9 months, and done so much more precisely and with greater control. Already, scientists have found enzymes that can modify cholesterol and saturated fats to make them "safer" for consumption. Crops have been developed that are more resistant to insects, diseases and funguses, thereby reducing our reliance on chemical pesticides.

To Take Inventory

An area of our operation that is very important at this time of year is inventory. With the close of the year most of our farmers close out their records for the year. This means that if you are going to have a Farm Analysis made you should take inventory of all your supplies. You'll need this to do any kind of farm analysis, because the amount of grain, hay and other supplies that are in storage will vary from year to year, and unless this is taken into consideration, you cannot have an accurate analysis of your year's operation. So, as accurately as possible, record the amount of hay, grain, feed, seeds and fertilizer that are on hand. This is the first step in an accruate farm analysis.

To Use A Real Tree For Christmas

This is the time of year that most people are considering the type of Christmas tree to buy. And, I hear objections to using real trees as being wasteful. So let's take a look at this situation.

Actually, the Christmas tree farmer is raising trees as a crop for a source of income. This is much the same as the farmer who raises wheat, corn or soybeans to sell or use on his own farm. Christmas trees are raised on land not suited for other crops — not even pasture land. It's mostly rolling land and highly acid.

Also, remember that these Christmas tree farmers are putting this land to good use; by conserving the soil and providing an excellent watershed. Keep in mind that Christmas tree farmers have a very slow turnover in their capital — from the time they plant the tree till it's ready for your living room can be 5 to 6 years for small trees and 10 to 15 years on the larger trees. Another fact to consider is there is nothing like the fresh aroma of a real tree in your home during the Christmas season.

The Bible Speaks

BY LAWRENCE W. ALTHOUSE

Background Scripture: John 3:1-21.

Devotional Reading: John 3:18-21.

As a boy, I was always skeptical about this verse: "And this is the judgement, that the light has come into the world, and men loved darkness rather than light, because their deeds were evil" (John 3:19). Because I was somewhat afraid of the dark, I couldn't imagine anyone loving it. Today, of course, I realize that, strange as it may seem, people often do choose darkness instead of light because, for some perverse reason, they love the darkness more. That is the supposition that underlies the newspaper business today: they focus on human darkness -- crime, corruption, decay, tragedy, and anything that is essentially negative. "Bad news" sells newspapers, books, and television advertising time. If your daily newspaper were to focus on "good news" instead of "bad," people wouldn't buy it.

NEGATIVELY TUNED

Unfortunately, many of us are tuned in to negativity. If we are ill, we can describe our feelings in great detail. But if we are well, we are hardly aware of our wellness at all. If someone has a "juicy" story about someone we know, perhaps even a friend, we are much more likely to listen to it. Even our prayer lives may be dominated by negativity: how much of your prayer time is devoted to asking and how much to thanking? Some people even practice a Christianity that is negatively oriented: seeing and expecting the worst in people and the world. Still others are attracted to satanic religious practices that seem to glory in the darkness and lowest elements in our human nature.

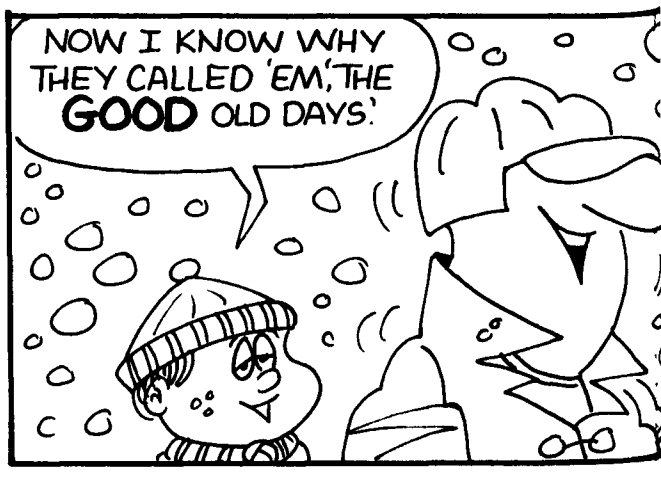
When Nicodemus, a member of Sanhedrin, the Jewish religious council, came to Jesus he came by night because he didn't want anyone to see him in the presence of the Nazarene. He also chose darkness, but in this case he chose darkness to hide, not his sin, but his virtue. The reason, of course, is that his society saw sin as virtue and virtue as sin. Associating with Jesus would threaten his "virtuous" religious standing in the community. So, he chose darkness.

PLAYING "DUMB"

We don't know what he expected Jesus to say to him, but he was obviously perplexed when Jesus said, "Truly, truly I say to you, unless one is born anew, he cannot see the kingdom of God" (3:3). Did Nicodemus really not know what Jesus was saying, or was he simply playing "dumb" because he didn't want to deal with it? I suspect the latter, because it is a lot easier to discuss being born physically than it is to be spiritually reborn. If the first seems impossible, the other must seem highly undesirable to others.

The fact is that all of us need to be transformed so that we will seek the light rather than the darkness.

(Based on copyrighted Outlines produced by the Committee on the Uniform Series and used by permission Released by Community & Suburban Press)



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Southwest Virginia Livestock Summary

Wytheville, Va.
Tuesday, December 4, 1990

SLAUGHTER HOGS 32 HEAD BARROWS AND GILTS US 1-3, 200-250 LB 48.00 - 55.00 US 2-4, 250-300 LB. 53.00 - 57.00 US 1-3, 180-200 LB. 41.00 - 44 00 SOWS US 1-3, 500 LBS & OVER 42.00 - 43.50.

SLAUGHTER CATTLE 85 HEAD SLAUGHTER COWS 79 HEAD COWS CUTTER & BONING UT. 1-3 45.00 - 49 00 BREAKING UT. & COMM. 2-4 46 00 - 51 00 CANNER AND LOW CUTTER 1-2 38.00 - 44.00 SLAUGHTER BULLS 6 HEAD BULLS Y.G. 1-2, 900-1300 LB. 56 00 - 60.50 Y G 1-2, 1300-1600 LB. 58 00 - 58.50 Y G 1-2, 1600 LBS. & OVER 57.50 - 62.75

LAMBS TOTAL RECEIPTS 108 HEAD SLAUGHTER LAMBS 36 HEAD WOOLED CHOICE AND PRIME, 95-125 LB 40.00 CHOICE, 85-125 LB. 41 00 FEEDER LAMBS 47 HEAD FEEDER LAMBS CHOICE AND FANCY, 70-85 LB. 44.50 EWES & RAMS 25 HEAD EWES ALL GRADES 17.50 - 18.50

BABY CALVES RETURNED TO FARMS 50 HEAD NEWBORN TO 4 WKS OLD 30.00-105.00, MOSTLY 50.00-87.50.

FEEDER CATTLE 275 HEAD STEERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 94.00- 98.00 - - 92.00- 93.00 400-500 99.00-105.00 - 84 00- 87.00 85 00- 88 00 500-600 84.00- 88.00 - 78 00- 83 00 78 00- 84 00 600-700 81.00- 84 00 - - - 700-800 78.00- 83.00.

HOLSTEIN STEER MED & LARGE 2 300- 500 76 00- 82 00 500- 700 70 00- 74.00 700- 900 67.00- 70.00 900-1100 54 00- 59.00.

HEIFERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 75.00- 78.00 - 71.00- 74.00 - 400-500 75.00- 82 00 - 65 00- 70.00 68.00- 72 00 500-600 73.00- 78.00 - 66 00- 69 00 67.00- 71.00 600-700 70.00- 75.00 - - - 700-800 65.00- 70.00.

BULLS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 94.00- 98.00 - - - 300-400 88 00- 90.00 - - 80.00- 85.00 400-500 - - - 78.00- 84.00.

Leesport Livestock Auction

Leesport, Pa.
Wednesday, December 5, 1990
Report Supplied by Auction

CATTLE 258...Report Supplied By Auction... suppliy includes 109 fat heifers and steers ...Compared to last Wednesday's market: High Choice and Prime 3-4, slaughter steers 82.00-84.00, Choice #3 75.75-83.75, Select 67.50-76.25; High Choice Holsteins 70.25-74.85, Select and low Choice 62.00-69.00, Standard 63.00-67.00. Choice 2-3 sl. heifers 75.50-83.75, Select 67.25-73.75. Breaking Ut. & Commercial sl. cows 47.50-54.50, Cutter & Boning Utility 45.50-50.75, Canner & low Cutter 40.25-47.25, Shells down to 35.00. Yield Grade No. 1, 1425/2260 lbs. sl. bulls 60.50-68.00, No. 2, 56.75-59.75. Feeder Cattle: Few Large Frame No. 2, steers 60.00-66.00; one lot Medium Frame #1, heifers 558 lbs. 69.00.

CALVES 170...Good and Choice 160/230 lbs. vealers 95.00-104.00, Good 290/360 lbs. 75.00-89.00, Standard & Good 80/110 lbs. 45.00-58.00, 75 lbs. and down 30 00. Farm Calves: No. 1, Holstein Bulls 95/120 lbs 77.50-120.00, No. 1, 90/110 lbs. Holstein heifers 80.00-132.00.

HOGS 356...Barrows and gilts. US No. 1-3 218/257 lbs. 45.75-46.25, 2-3 190/265 lbs. 44.10-45.75. US No. 1-3 sows (all weights) 38.00-40.25, 2-3, 35.00-37.50. Boars (all weights) 36.00-38.75.

FEEDER PIGS 213...US No. 1-3 21/25 lbs. 115.00-130.00, 28/50 lbs. 98.00-111.00, 50/100 lbs. 58.00-79.00 --- all per hundredweight.

SHEEP 69...Choice 80/115 lbs. wool slaughter lambs 52.00-60.00, 60/80 lbs. 62.00-87.50, Good 35.00-58.00. Slaughter sheep 6 00-24 00. - all cwt.

GOATS 17...Medium 27.00-70.00 --- all per head.

Belknap Livestock Auction

Dayton, Pa.
Wednesday, December 5, 1990
Report Supplied by PDA

CATTLE 104. PDA...Compared with last weeks market: Few Select slaughter steers 66 25-67.00. Few Standard sl. heifers 58 00-61.00, few Utility 51.00-52.75. Few Breaking Utility and Commercial sl. cows 50 00-52.50, few low yielding 47.00, Cutter and Boning Utility 44.50-49.25, Canner and low Cutter 36.00-44.75, Shells down to 30.00 Few Yield Grade No. 1, 1200/1875 lbs. sl. bulls 57.00-65.00. FEEDER CATTLE: Few Medium Frame No. 1, 310/510 lbs. steers 75.50-86.50, few 540/780 lbs. 63.00-71.50. Medium Frame No. 1, 380/620 lbs. heifers 62.50-75.00, few Medium & Large #1, 1-2, 745/945 lbs. 55.25-60.00. Medium Frame No. 1, 440/670 lbs. bulls 62.50-69.50.

CALVES 115...Standard and Good 60/120 lbs. vealers 42.50-50.00, one 55.00. Farm Calves: No. 1, Holstein Bulls 90/130 lbs. 85.00-121.00, 80/85 lbs. 76.00-86.00, No. 2, 90/120 lbs. 60.00-85.00; few No. 1, Hol. Heifers 95/110 lbs. 100.00-127.50. Beef cross 70/130 lbs. bulls & heifers 51.00-127.50.

HOGS 203...Barrows amd gilts mostly 2.00 lower. One Lot US No. 1-2 250 lbs. 49.00, 1-3 230/260 lbs. 46.60-47.10, lot 48.00, 2-3 265/305 lbs. 44.00-46.25, couple lots 1-3 220 lbs. 44.00&44.70. Sows: 6.00 to 8.00 lower. US No. 1-3 440/625 lbs. sows 38.00-40.00, one 41.00, few 2-3 605/780 lbs. 36.75-38.00, Medium 320/455 lbs. 33.25-34.25. Boars 34.00-35.25.

FEEDER PIGS 55...Lot US No. 1-3 30 lbs.
feeder pigs 27.50, 45/60 lbs. 30.00-37.50 - all per head.

SHEEP 20...Lot mixed Good and Choice 85 lbs. wool slaughter lambs 43.25 - all Cwt.

GOATS 1...One Medium 56.00 - per head.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Dec. 4, 1990
Report supplied by auction

CALVES .30-1.40.
COWS .38-57¼ .
EASY COWS .08-.45½ .
HEIFERS .31.-.68.
BULLS .53¾ -.72.
STEERS .57¼ -.73.
HOGS .37¼ -.45.
ROASTING PIGS EACH 24.00-35.00.
SOWS .37½ -.39¼ .
SHEEP .10-.42.
LAMBS EACH 23.00-68.00.
LAMBS PER LB. .25-.85.
GOATS EACH 34.00-124.00.
KIDS EACH 19.00-66.00.
HIDES EACH 10.00-15.00.
TOTAL 889.

Central U.S. Carlot

Beef Report
Dec. 5, 1990
Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST, TEXAS AND OKLAHOMA) AS OF 3 P.M.

COMPARED TO TUESDAY'S 3:00 P.M. REPORT: COW CARCASSES MOSTLY STEADY WITH BREAKING UTILITY STEADY TO 2.00 HIGHER. DEMAND AND OFFERINGS LIGHT TO MODERATE.

COW AND BULL CARCASSES
FOB OMAHA BASIS
22.5 LOADS REPORTED

UT,BRK 2-4, 2 LOADS, RANGE 82.00-84.00, LATEST ESTB. MKT. 82.00-84.00.

UT,BNG 1-3 400 & UP, 7 LOADS, RANGE 86.00-88.00, LATEST ESTB. MKT. 86.00-88.00.

CUTTER 1-2 350 & UP, 13 LOADS, RANGE 92.50-93.00, LATEST ESTB. MKT. 93.00.

BULLS 500/UP, YG1, .5 LOADS, RANGE 103.50, LATEST ESTB. MKT. 103.50.

BONELESS PROCESSING BEEF
BEEF TRIMMINGS
151 LOADS REPORTED

BONELESS PROCESSING BEEF UNEVEN, FOB OMAHA STEADY, INSTANCES 1.00 LOWER ON LIGHT OFFERINGS AND MODERATE DEMAND. FOB TEXAS MOSTLY 1.50 LOWER THE LAST WEEK ON MODERATE OFFERINGS AND LIGHT TO MODERATE DEMAND. BEEF TRIMMINGS HIGHER ON MODERATE DEMAND AND MOSTLY MODERATE OFFERINGS.

FOB OMAHA BASIS

90% FRESH, 14 LOADS, RANGE 124.5-128.0, WT. AVG 126.96.
90% FROZEN, 1 LOAD, RANGE 128.0, WT. AVG. 128.00.
85% FRESH, 5 LOADS, RANGE 120.0-121.0, WT. AVG. 120.20.
85% FROZEN, UNQUOTED.
75% FRESH, UNQUOTED.
75% FROZEN, UNQUOTED.
65% FRESH, RANGE 84.0-85.0, WT AVG. 84.50 A.
65% FROZEN, UNQUOTED.
50% FRESH, 85 LOADS, RANGE 58.50-61.00, WT. AVG. 59.60.
50% FROZEN, 11 LOADS, RANGE 60.00-61.00, WT. AVG. 60.27.
50% BX, 1 LOAD, RANGE 60.00, WT AVG. 60.00.
BULL 92-94, RANGE 145.0, WT AVG. 145.00 C.

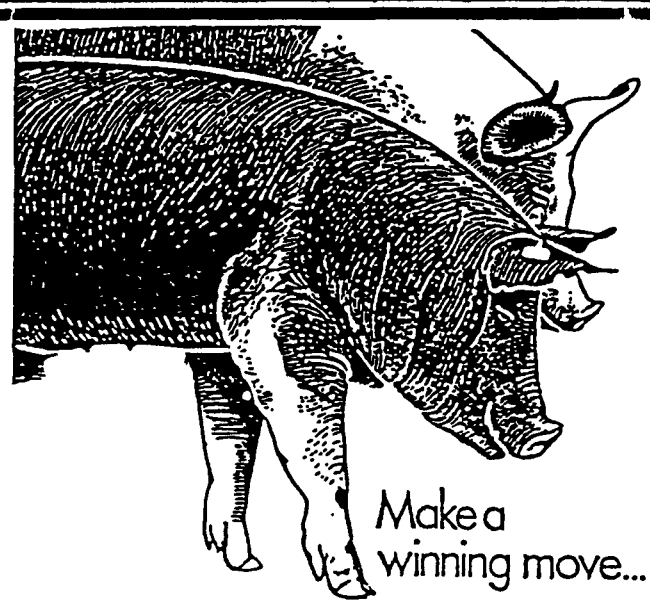
FOB EAST TX AND OK

90% FRESH, 27 LOADS, RANGE 123.5-124.0, WT. AVG. 123.59.
90% FROZEN, 7 LOADS, RANGE 126.5-127.0, WT. AVG. 126.79.
85% FRESH, UNQUOTED.
85% FROZEN, UNQUOTED.
75% FRESH, UNQUOTED.
75% FROZEN, UNQUOTED.
65% FRESH, UNQUOTED.
65% FROZEN, UNQUOTED.
BULL 92-94, UNQUOTED.

CAF NORTHEAST AREAS

90% FRESH, UNQUOTED.
90% FROZEN, UNQUOTED.
85% FRESH, UNQUOTED.
85% FROZEN, UNQUOTED.
75% FRESH, UNQUOTED.
75% FROZEN, UNQUOTED.
65% FRESH, UNQUOTED.
65% FROZEN, UNQUOTED.

**ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NOT TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.



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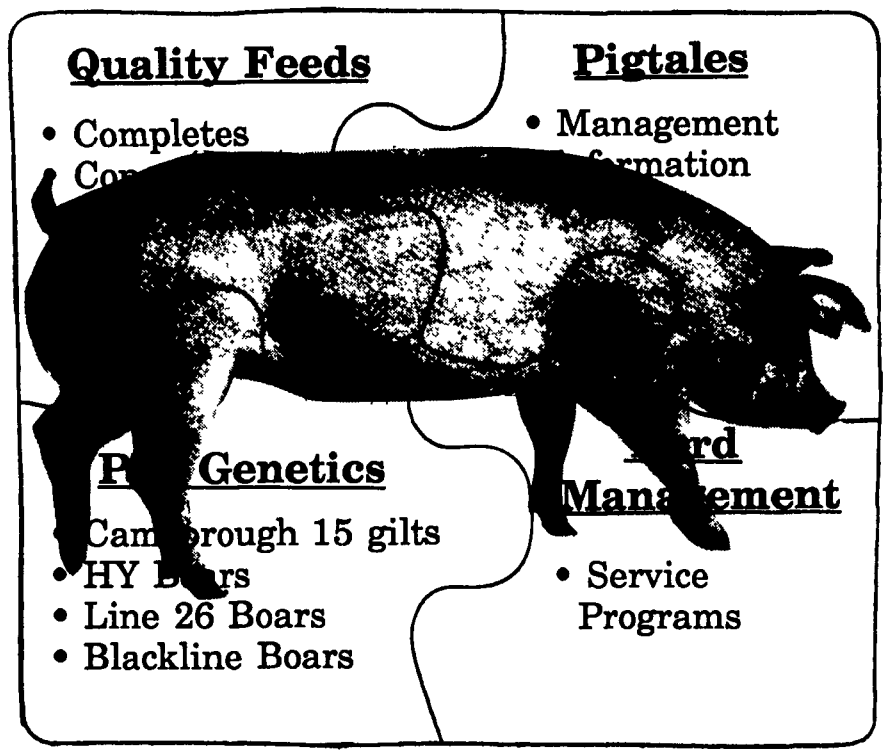

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Philadelphia Vegetables

Philadelphia, Pa.

Wednesday, December 5, 1990

ARTICHOKES SLIGHTLY HIGHER CHILE crt 24-30s 22.00.

ASPARAGUS LOWER CHILE 12-lb crt & ctn bchd 12s jbo fir cond 16 00-18 00 exlge 18.00-20.00 fair cond loas 16.00 lge 18.00-20.00 mos 20.00 sml lse 19.00 MEXICO 15-lb crt bchd 12s sml 18.00

BEANS HIGHER FL various bu containers Round Green type 15.00 Hand-picked 18.00 few 20.00.

BEETS STEADY NJ topped bubkt few 8.00 FL & TX crt bchd 12s 7.00.

BROCCOLI HIGHER CA ctn bchd 14s 8.50-10.00 mos 9.00-10.00 few hgr 18s 11.00 TX ctn bchd 14s 8.00 fair cond 2.50-4.00 NC ctn bchd 14s 6.50.

BRUSSEL SPROUTS STEADY CA 25-lb ctn 16.00.

CABBAGE ABOUT STEADY 1-3/4 buctn & crt med green unless otherwise stated NJ 4.00-5.00 Savoy type 5.50 GA 5.50 FL 7.00 NC 6.50 NY 5.00 50-lb sks lge 3-3.50.

CARROTS CA 48-1 LB FILM BAGS HIGHER, OTHERS ABOUT STEADY 48-1 lb film bags in film sacks CA med-lge 11 00-12.00 some 10.00 occ 13.00 CANADA med-lge 9.00-10.00 FL med 10 00 50-lb sacks loose jumbo CA 12.00-13.00 few hgr via rail 8.00 FL 9.00 CANADA 9.00 ctn bchd 24s CA 10.00 miniature type CA ctn bchd 24s 11.00 FL ctn 20-12 oz film bags 6.00.

CAULIFLOWER HIGHER CA ctn film wrpd 12s 9.00-10.00 some 8.00 ord cond 4.00-5.00.

CELERY ABOUT STEADY CA ctn 1-1/2 doz 16.00 2 doz 14.00-16.00 2-1/2 doz 14.00-15.00 some 11.00- 12.00 3 doz few 8.00 Hearts film wrpd 18s 12.00 FL ctn 2-1/2 doz few 11.00.

CHINESE CABBAGE STEADY FL celery crt 8.00-9.00 NJ 1-1/9 buctn fair cond 4.00-5.00 CA 50-lb ctn Nappa & Bok Choy 15.00.

CORN SUPPLIES LIGHT wirebound crt approx 4-1/2 doz FL White 11.00 MEXICO ctn fair appear Yellow 8.00-9 00.

CUCUMBERS HIGHER 1-1/9 buctns waxed medium unless otherwise stated FL 9.00-10.00 few 11.00 fair qual 5.00-7.00 mos 6.00 fair cond 2.00-4 00 sml fair qual 6.00 Pickles unwaxed med 16 00-17.00 TX ord qual & cond 1.00-2.00.

DAIKON NO SALES REPORTED.

EGGPLANT ABOUT STEADY FL 1-1/9 buctn med 6.00-7.00 fair qual 3.00 few 5.00 wrpd fair qual 5.00

ENDIVE ABOUT STEADY FL 1-1/9 buctn 5.50-6.00.

ESCAROLE ABOUT STEADY FL 1-1/9 buctn 5.50-6.00 fair cond 4.00-5 00.

GARLIC Late Keeping CA 30-lb ctn per lb Colossal 1.10 Super Jbo 1.00 Exjbo .90

GREENS STEADY crt & ctn approximately 1-1/2 bu bchd unless otherwise stated NJ Collards 5 00 fair qual 4 50 fair cond 3.00 NC Collards & Kale 6 00 Mustard, Turnip Tops & Rape 6.50-7.00 VA Kale 5-5.50 Upland Cress 6.00 FL Dandelion lse 10 00 TX 24s Swiss Chard & Dandelion 10 00 CA 20-lb ctn Broccoli Rabe 10 00 lse one label 14 00 poor cond 3 00 MEXICO 20-lb ctn Broccoli Rabe 10 00-12 00

LEEKS ABOUT STEADY NJ crt bchd 12s 9 00 CA ctn bchd 12s few 14 00

LETTUCE ICEBERG HIGHER ctn 24s unless otherwise stated CA 8 50-9 00 mos 9.00 film wrpd 8 00-9 00 AZ 7 50-9 00 mos 8 00 one label 9 50 film wrpd 10 00-11.00 ROMAINE HIGHER CA 24s ctn 9.00-11.00 fair cond loas 8 00 ord cond 4 00-5.00 crt 12 00- 13 00 fair cond 10 00 FL ctn 24s few 8 00 BIG BOSTON FL ctn 24s 8.00 BIBB FL ctn 24s 6.00 LEAF CA ctn 24s including Red 7.00-9.00 mos 8-8.50.

MUSHROOMS STEADY PA 4-qt bkt med-lge 5-5.50 sml-med 4-4.50 10-lb ctn med 9-9.75 mos 9 25 lge 11.00-11 50 mos 11.25-11.50 packages 10-12 oz 9-9.50 3-lb ctn Shiitake 17.00-18.00 fair qual 10.00-12.00.

OKRA ABOUT STEADY MEXICO 1/2 bucrt med incl fair appear 9.00-10.00 few hgr.

ONIONS-GREEN STEADY TX ctn bchd 24s lge bulb 10 00 MEXICO ctn bchd 48s 10 00 fair cond 6 00.

PARSLEY ABOUT STEADY bchd 5 doz Curly unless otherwise stated FL crt 11 00-12 00 mos 12 00 Plain 14 00-15 00 few 18.00 TX crt few 14 00 Plain fe 18.00 NJ ctn Plain 15 00 CA c 1 14 00-15 00

PEAS-GREEN NO SUPPLIES.

PEAS-SOUTHERN SUPPLIES INSUFFICIENT TO QUOTE

PEAS-SUGAR SLIGHTLY HIGHER 10-lb ctn per lb GUATEMALA 80-1.00 mos 1 00.

PEPPERS ABOUT STEADY 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated FL exlge 9 00-10 00 mos 10 00 lge 8 00-9 00 mos 8 00 few hgr few 7 00 med-lge 6 50-7 00 mos 6.50 med 6 00 fair qual 5 00 sml-med 4 00-5 00 sml 4 00 Mixed Red lge 6 00-8 00 med 5 00-6 00 mos 6 00 Red med 20 00-22 00 very sml 8 00- 10 00 Yellow sml few 12 00-15 00 Longhots 12 00 1/2 buctn Jalapeno 6 00 TX exlge fair cond 7 00-8 00 lge 7 00 fair cond 5 00-6 00 med 5 00-6 00 Red lge fair qual 16 00-18 00 few 20 00 med fair qual 12 00-14 00 sml 10 00- 12 00 fair qual 8 00

RADISHES ABOUT STEADY FL ctn Red 30-6 oz film bags 2 00-3 00 14-1 lb film bags 2-2 50 few 3 25 MEXICO ctn bchd 24s 6 50

RHUBARB NO SUPPLIES

RUTABAGAS STEADY CANADA 50-lb ctn CD#1 waxed med 7 50-8 00.

(Turn to Page A14)

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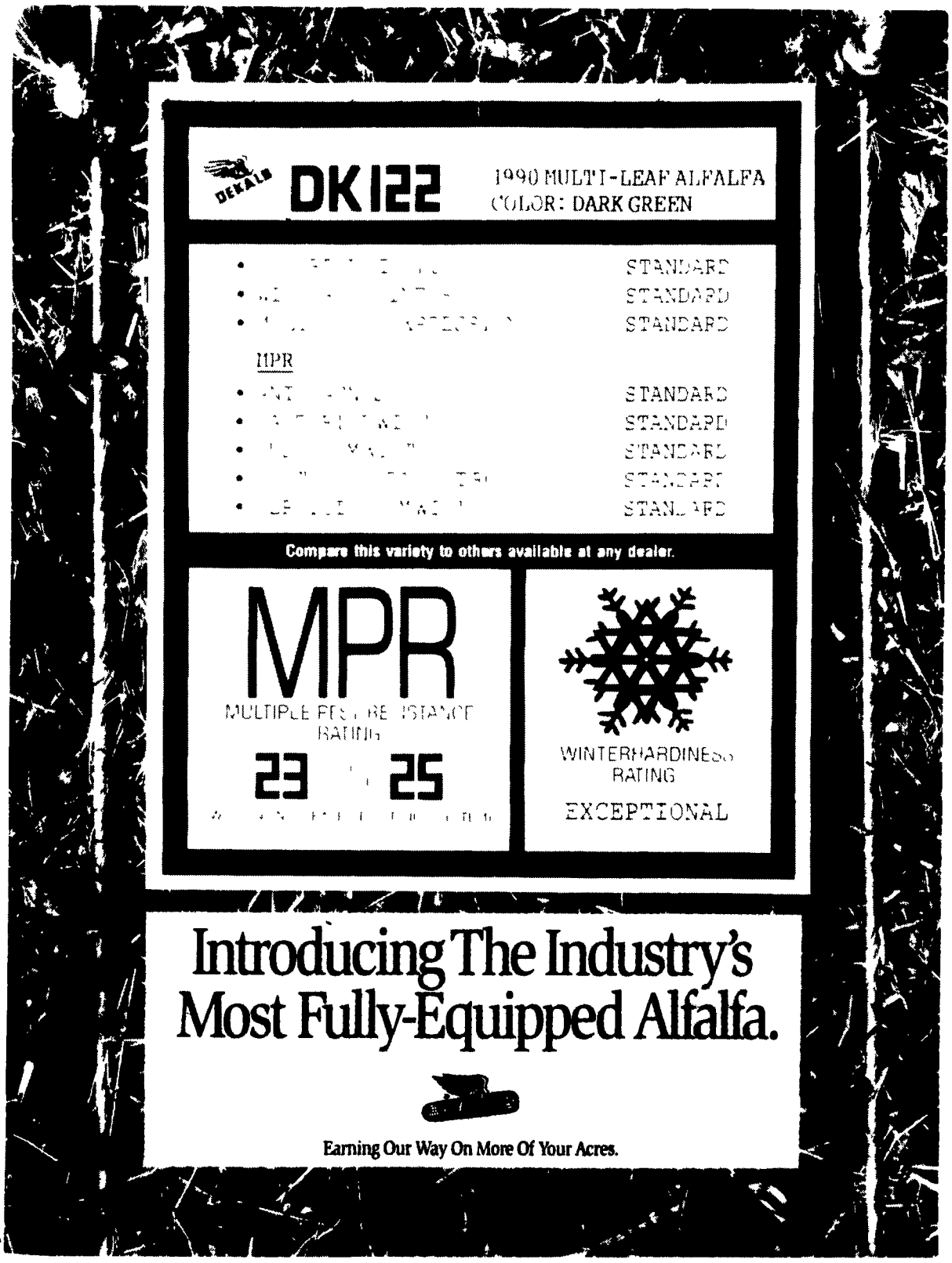

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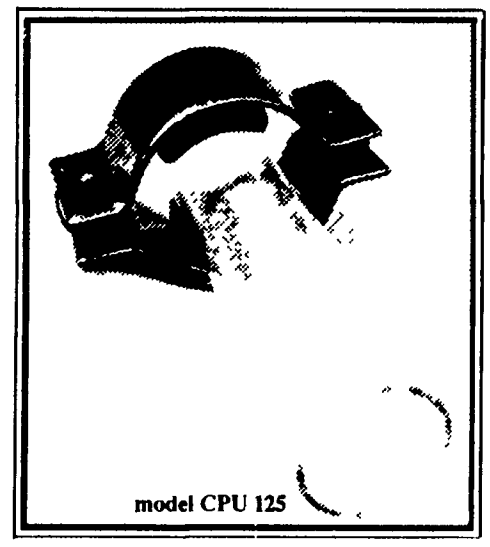

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(Continued from Page A13)

SPINACH ABOUT STEADY NJ Savoy type bubkt 7.00-8 00 1-1/4 bucrt lse fair qual 5.00 CA Flat type ctn bchd 24s 11.00 few 12.00 fair cond 9.00.

SQUASH HIGHER FL 1/2 & 5/9 bucrts & ctns Zucchini sml-med 6.00-7.00 few 8.00 med 4.00- 6.00 mos 5.00 some 3.00 Yellow Straightneck sml-med 6 00 med 4.00-5 00 NY 1-1/9 bucrt Acorn & Butternut lge 3 00-4 00.

SWEET POTATOES STEADY NC 40-lb ctn US#1 Jewel type med cured few 7 00 NJ 1/2 bucln cured Yellow Jersey 7 00 Red Jersey 12.00 fair qual 8 00.

TOMATOES HIGHER 25-lb ctn Pink to Light Red 85% or more US#1 unless otherwise stated FL 5x6s 9 50 6x6s 8.00 fair qual 5x6s 8-8 50 few 9.00 6x6s 6 00-7.00 vineripe 5x6s fair cond 4.00-5.00 6x6s fair cond 3.00-4.00 MEXICO 2-lyr flat 4x5s 6.00 REPACKED LOCALLY FL 5x6s 10.00 6x6s 9.50 6x7s 9.00 PLUM TYPE TOO FEW SALES TO QUOTE CHERRY TYPE flats 12-1 pint trays CA 6 00 FL Red 5.00 MEXICO 5.00.

TURNIPS Topped PA 25-lb film bags sml-med 5.00.

VEGETABLES-OTHER NO SALES REPORTED.

WATERCRESS FL ctn bchd 24s 10.00.

Philadelphia Fruit Market

Philadelphia, Pa.

Wednesday, December 5, 1990

GRAPEFRUIT ABOUT STEADY FL 4/5 bucln Red 23s 10.50-11.00 27s 11.00-12.00 mos 12.00 32s 10.50-11.50 36s 10.00 40s 10.00-10.50 48s 8.50-10.00 56s 6.00-7.00 fair qual 32s 7.00 36-40s 6.00 48s 5.00 White 36s 9.00 Indian River Red 23s 12.50 one label 13.50 27s 11.50-12.50 one label 13.50 32s 10.50-12.50 one label 13.50 36s 10.50-12.50 40s 9.00-11.50 mos 11.00 one label 13.50 48s 9.00-10.50 one label 11.50 56s 9.50 fair qual 23-27s 11.50 32-36s 7 00-10 00 mos 7-7.50 40-48s 7.00-8.50 56s 5.00-6.50 few 8.00 White 23-36s 10.00 40s 9.50 48s 6.50 Star Ruby 36-40s 12.00 48s 10.00 one label few 23-27s 18.50 32s 17.50 36s 16.50 40s 15.50 48s 12 50 CA ctn Red 23-56s fair qual 4.00-5.00.

LEMONS STEADY CA ctn 95s 24.00 115s 23.00 140s 18.00-18.50 165s 15.00-16.00 200s 12.00- 13.50 fair qual 95s 14.00-15.00 mos 14.00 115s 14.00 140-165s 12.00-12.50 mos 12.00 200s 11.50 AZ ctn fair qual 95s 14.00 115s 13.50-14.00 140s 11.50-13.00 165s 11.50-12.00.

LIMES ABOUT STEADY 10-lb ctn Persian Seedless type MEXICO 48s 4.00 54-63s 4.00 some 4.50 40- lb ctn 175s 11.00.

MISCELLANEOUS CITRUS FL 4/5 bucln Lee 80s 18.00 100s 18 00-20.00 120s 18.00-20 00 mos 18.00-18.50 150s 16.50 210s 14.50 SPAIN 10-kilo crt Clemen- tine 120s 14.00-16 00 132s few 16.00 140s 12.00 154s 11.00.

ORANGES STEADY CA ctn Navel 40-48s 15.50 56s 14.50-15.50 72s 14.00-15.00 88s 13.00-14.00 mos 13.00 some 11.50 113s 10.50-12.00 138s 10.00-11.00 mos 10.50 some 8.00 fair qual 40-48s 15.00 56s 13.00-13.50 mos 13.00 72s 12.00-13.00 88s 12.00-12.50 113s 11.50-12.00 138s 9.50-11.50 FL 4/5 bucln Hamlin 64s 10.00-10.50 80s 10.50 100s 8.50-9.00 few 8.00 125s 7.50-8.00 few 7.00 Pineapple 80s 10.50 100s 9.50 125s 8.50 Navels 48s 8.00-10.50 one label 11.50-12.00 56s 8.50-10.00 64s 9.00-10.50 preferred labels 11.50-12.00 80s 8.00-10.00 fair cond 7.00 100s 7 50.

TANGELOS STEADY FL 4/5 bucln Orlando 54s 9.00-11.00 64s 11.00-13.00 66s 9.00-10.00 80s 11.00-13.00 100s 10.00-12.50 125s 7.00-9.00 few 10.50 Nova 80s 14.00 125s 10.00.

TANGERINES ABOUT STEADY FL 4/5 bucln Dancy 80s 20.00 100s 21.00 120s 20.00-21.00 CA 1/2 bucln Fairchild jbo 13.00 MEXICO 4/5 bucrt Dancy 80-100s 18.50 120s 17.50 150s 17.50.

APPLES STEADY ctn tray pack WA Red Delicious WAExFcy 88s 18.50 100s 17.50 one label 72-80s 24.00 88s 23.00 100s 20.00 113s 19.50 125s 18.50 USExFcy 80s 16.00 one label bias 20.00 88s 16.00-17.00 100s 15.00-17.00 113s 14.00 125-138s 15.00 WAFcy 88-100s 14.00 113s 14.50 Golden Delicious WAExFcy 80s one label 23.00 88s 20.00-22.00 100s 18.00-20.00 USExFcy 88s 17.00 100s 16.00 113s 15.50 Granny Smith WAEXFcy 113s 17.00 USExFcy 88s 16.00 ID Red Delicious IDEXFcy 56-64s 20.00 80s 18.50 100s 17.50 113s 16.50 USExFcy 100-113s 16.50 CA Granny Smith USEXFcy 80-88s 18.50 one label 23.00 100s 16.00 OR Red Delicious WAExFcy 64s 21.00 72s 20 00 80-88s 18.00 100s 16.00 113s 15.00 USExFcy 80s 16.00 88s

(Turn to Page A15)

PAUL B. Zimmerman INC.

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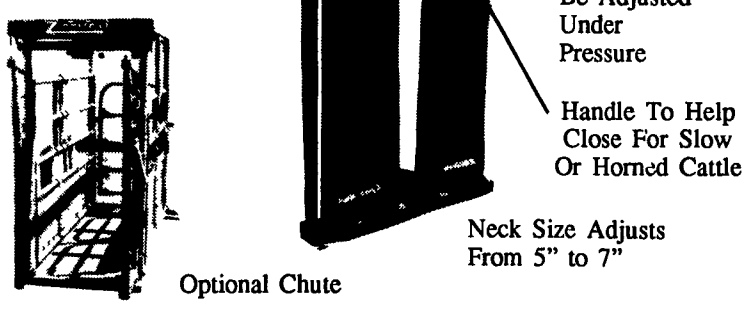
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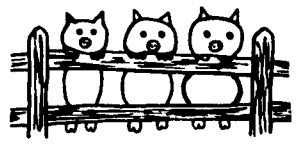

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- Grain Platform
- Combine Corn Head

This is a partial listing. Please call for availability even if your machine is not listed.

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JD 2040 Diesel.....$6,950
JD 4040 Power Shift, Sound Guard, 2300 Hrs., Sharp.....$26,600
JD 4240 PS, Sound Guard.....$27,500
JD 675B Skid Steer Loader, Nice.....$9,750
Bobcat 643 Diesel Skid Steer Loader.....$8,750

COMBINES & PICKERS:

6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head.....$3,650
(2) JD 443 Corn Heads.....ea. $4,650
JD 4400 Diesel Rotary Screen Combine, Auto Header Heights, Air, Monitor, 23.1x26, and VS Feeder House
JD 6600 Diesel Side Hill Hydro Combine, Auto Header Heights, 28L Tires, Nice.....$21,750
JD 653 6 Row 30" Bean Head.....$4,450
JD 300 Corn Picker w/2 Row Wide Head
JD 4420 Combine, Loaded, Nice
JD 13' Quick Tach Rigid Grain Head.....$1,850
JD 300 Corn Husker.....$4,500
JD 213 Rigid Grain Head w/Pickup Reel.....$3,650
NI 2 Row Wide w/12 Roll Bed.....$3,650
JD 4425 Combine, Nice

HAY & FORAGE EQUIPMENT:

JD 1 Row, Row Crop Attachment, Nice.....$550
JD 5½ ' Pickup Attachment
JD 2 Row 30" Row Crop Attachment
JD 24T Baler w/Ejector.....$1,450
NH 1010 Bale Wagon.....$4,350
NH 268 Baler w/Ejector
JD 1209 Mower Conditioner.....$3,650
JD 24T Baler w/#30 Ejector.....$2,850
NH #499 12' Hydraulic Haybine.....$7,350
JD 336 Baler w/#30 Ejector.....$5,850
JD #30 Hydraulic Bale Ejector.....$1,500

PLANTERS & GRAIN DRILLS:

JD 8300 21x7 DD Drill.....$4,200
JD 8350 23x7 Drill w/Grass And Gang Press Attach., Nice.....$5,800
JD 7000 No-Till Planter, Liquid Yetter, Counters, Monitor, Nice.....$8,750
JD 7200 4 Row Planter, Sharp.....$9,500
(2) ea. JD 8000 18x7 Drills w/Tandem Hitch, DD w/Grass.....Both For $7,950
JD 24B 2 Row Planter Unit.....$750
JD Model B 14x7 Double Disc Drill.....$1,450

DISCS AND FIELD CULTIVATORS

JD 12' TWA Plowing Disc.....$3,250
Kewanee 12' Rock Flex Disc.....$2,450
Kewanee 800 Rock Flex Plowing Disc 12'.....$2,950
Brady 18' Folding Field Cultivator.....$2,150
JD 12' Field Cultivator w/Harrow.....$1,450
JD 210 14' Black Gang Disc.....$3,850
JD #220 18' Center Fold Disc.....$4,150
IH 475 20' Hydraulic Wing Disc.....$4,350
JD 230 27' Wing Fold Disc w/New Blades.....$7,850
JD BWF 12' Disc.....$1,850

PLOWS-MOLDBOARD AND CHISEL:

JD 7B 2500 Plow.....$3,950
JD F350 5-16" Hyd. Reset Plow.....$2,350
JD 1450 6-16" Semi-Mtd. Plow.....$2,250
Brillion 9 Tooth V Ripper.....SOLD.....$2,650
JD 4-16" F325 Auto Reset Plow.....$1,250
JD 2500 7x18" On-Land Plow.....$5,400
JD 1B Roll-Over Plow.....$1,250
IH 7 Tooth 3 Pt. Chisel.....$1,275
IH 9 Tooth Pull Type Chisel.....$1,850
JD 1450 4x16 Semi-Mtd. Plow.....$2,250
JD 2700 6B Auto Reset On-Land Plow.....$7,450
JD 10 Tooth Pull Type Chisel.....$1,850
JD 2500 4x18" Auto Reset Plow.....$3,950
JD 2700 4x18" Auto Reset Plow.....$5,850
JD 2600 5x18" Auto Reset Plow.....$6,450
JD 3200 6x18" Pull Type Auto Reset Plow.....$3,950
JD 1600 17 Tooth Hydraulic Fold Chisel w/Walking Tandem.....$4,350
JD 2500 5x18" Auto Reset Plow.....$3,950
(New) JD 12' Chisel w/Walking Tandem.....$3,450

CULTIPACKERS

Brillion 10' w/Big Shaft.....$950
Brillion 3' Section 28' Packer.....$2,450
Brillion 12' Packer, Big Shaft.....$1,150
JD 10' Packer.....$1,050
(1) ~~JK~~ Each Brillion 12' Packers w/Transport.....each $1,250
Brillion 12' w/Big Shaft.....$1,250
Brillion 14' Transport Packer.....$1,850
Brillion 12' Packer w/Transport.....$1,850
1 Set Brillion 4' Packer Pups.....$650

ROW CROP CULTIVATORS & ROTARY HOES

JD 4 Row Front Mount Cultivator For 3020.....$1,550
JD RM 4 Row Cultivator.....$1,275
JD RM 6 Row Cultivator.....$1,650
JD RM 4 Row Narrow Cultivator.....$1,275
JD 20' Rotary Hoe, Like New.....$2,350

MISCELLANEOUS:

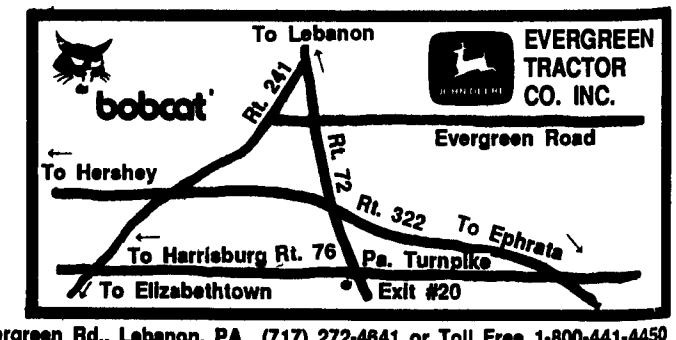
Bobcat 909 backhoe.....$5,750
NH 352 Grinder-Mixer.....$2,450
JD 37 Loader, All Hydraulics For Utility.....$1,850
Donahure Implement Trailer.....$1,850
JD 45 Loader for 2 Cylinder Tractor.....$750
Transcraft 42' Drop Deck Trailer, Air Ride, Nice.....$8,500
Ag Teck Pre-Seed.....$3,250
1 Set 15.5x38 Snap-On Duals.....$250
400 Bu. Gravity Wagon With Auger.....$2,500
200 Bu. Gravity Wagon.....$1,250
PTO Corn Sheller on Wheels.....SOLD.....$650
Bobcat 907 Backhoe.....$4,750
Fruehauf 20' Steel Dump Trailer, Single Axle, For Grain.....$1,850
NI #362 Spreader

ROLLER HARROWS AND CULTIMULCHERS

JD F950 15' Roller Harrow, Nice.....$3,650
IH #315 12' Roller Harrow.....$2,850
Brillion 15' Cultimulcher.....$3,250
Brillion 15' Roller Harrow.....$3,850
Kewanee 20' Flat Fold Roller Harrow.....$5,950

Coming In...

AC D17 Tractor w/Loader
JD 14' Packer w/Transport
JD 444 4 row wide corn head
JD F125 3-16" Plow
IH 464 utility tractor



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

(Continued from Page A14)

15 00 100s 14.00 113s 13.00 USFcy 88s 14 00 100-125s 13.00 Golden Delicious WAExFcy 80s 18.00 88s 17.00 100s 16.00 113s 15.00 ctn cell pack NY McIntosh US#1 80s 10 00 ctn 12-3 lb film bags PA USFCY 2-1/4" & up Golden Delicious & Stayman 8 50.

APPLE-PEARS CA 1-lyr flat Hosui 21s 9 50 2-lyr flat no variety mark 48s 13.00 64s 10 00.

AVOCADOS STEADY FL flat ctn various Greenskin varieties 7-9s 8.00 10-12s 8 00-10 00 CA 1-lyr ctn Zutano 20s 12 00 2-lyr ctn Hass 40s 62.00 CHILE 2-lyr ctn Hass 50s 52.00 60s 42.00.

BANANAS Imports ctn approximately 40-lb 12 00 fair qual 9.50 film wrpd 12.00 Institutional pack Petite 150s 11.00.

BLACKBERRIES SUPPLIES LIGHT GUATEMALA flats 12-1/2 pt film wrpd cups 28.00.

BLUEBERRIES SUPPLIES LIGHT NEW ZEALAND flats 9-9 oz film wrpd trays via air 45.00.

CHERRIES CHILE 5-kilo ctn & lug Early Bing no sz mark 32.00-34.00.

COCONUTS DOMINICAN REPUBLIC sacks 40s few 14.00.

CRANBERRIES SUP INSUF TO QUOTE.

GRAPES-TABLE STEADY CA 23-lb lug Thompson Seedless poor cond 3 00-5 00 Emperor 12.00-14.00 fair cond 8.00 Ribier 15.00 Calmeria 12.00-13.00 fair cond 9.00 20-21-lb lug film bags Flame Seedless 13.00-13.50 Red Seedless fair qual 15.00 Red Globe 18.00 Ruby Seedless fair cond 12.00 Emperor fair cond 8.00 Ribier 14.00 Italia 12.00-13.00 20-21-lb lug wrpd Ruby Seedless 13 00-14.00 one label 16.50 Ribier 15.00 16-lb lug wrpd Thompson Seedless incl fair cond 12.00-14.00 mos 12.00 some hias 15.00 preferred labels 23.00-25.00 16-lb lug film bags Thompson Seedless 18.00 ord-fair cond 8.00-10.00 Red Seedless 17.00 (CORRECTION FOR MONDAY & TUESDAY WIRE: FIRST RIBIER SHOULD HAVE READ RUBY SEEDLESS) CHILE 18-lb lug wrpd Thompson Seedless 29.00-30.00 Perlette 20.00-25 00 Flame Seedless 23.00-25.00.

KIWIFRUIT STEADY CA 1-lyr flat 36-39s 7.00 NEW ZEALAND 1-lyr flat 39s 7.50 42s 7 00.

MANGOS NO SUPPLIES.

NECTARINES SUPPLIES LIGHT CHILE 2-lyr lug Arm King 60s 32 00 70s 30.00.

PAPAYAS HAWAII ctn via air 9s 10.00 12s 8.00.

PEACHES SUPPLIES LIGHT CHILE 2-lyr lug Florida Red 78s 20.00 84s 18.00 Spring Crest 60s 30.00 70s 24.00.

PEARS STEADY WA 4/5 bucln wrpd US#1 D'Anjou 80s 25.00 90s 21.00-23.00 some hias 25.00 100s 20.00-23.00 mos 20.00-21.00 110s 17.00-19.00 mos 19.00 some hias 22.00 120s 16.00-18.00 mos 18.00 few 18.50 135s 16.00-17.00 few 14.50 150s 13.00-16.00 165s 12.50 Bosc 110s 18.00-20.00 120s 18.00 Seckel type 22-lb ctn 1-3/4" US#1 13.00-14.00 36-lb ctn 1" min WAExFcy 15.00 controlled atmosphere storage 4/5 bucln wrpd Bartlett US#1 120s 18.50 150s fair cond 10.00 CA 36-lb ctn lse Bartlett US#1 150s fair cond 6 00-8.00 controlled atmosphere storage 4/5 bucln wrpd US#1 Bartlett 100s 23.00 110s 22.00 120s 20 00 135s 18.50 OR 4/5 bucln wrpd US#1 D'Anjou 90-100s 22 00 110s 20 00 120-135s 18 50 Bosc 90s 30 00 100s 28 00 110s 26 00 120s 24 00 135s 18 50 150s 16.50 PA 4/5 bucln Bosc marked US#1 2-1/2" & up 10.00 few hgr.

PERSIMMONS CA 1-lyr flat Fuyu 17-18s 9.50-10.00 20s 8 00 24-25s 6 00 28s 5 50-6 00 32s ord cond 3.

00 Hachiya 18s 7.50-10.00 20s 7.50-8.50 24-25s 7-7.50 28s 6.50 32s 5 50-6 00.

PINEAPPLES HAWAII ctn via air 6s 11.75-12.00 COSTA RICA 2-lyr ctn 12s 13.00-14.00.

PLUMS SUPPLIES INSUFFICIENT TO QUOTE.

POMEGRANATES CA 2-lyr lug Wonderful 20s 18.00 24s 16.00.

RASPBERRIES LOWER flats 12-1/2 pt film wprd cups Red CA ord cond 15.00-20 00 CHILE via air 24.00 fair cond 22.00.

STRAWBERRIES SLIGHTLY HIGHER flats 12-1 pt bkt CA med-lge poor cond 1.00-5.00 FL med-lge 14.00-15.00 few 13.00 med 10.00-15.00 MEXICO sml-med 9 50-10 00.

CANTALOUPS ABOUT STEADY MEXICO 1/2 crt & ctn 6s fair cond 4.00 12s 15.00 few 16.00 15s fair qual 10.00 18s fair appear 14.00 23s 8.00-10 00 fair qual & cond 6.00 COSTA RICA 1/2 ctn 9-12s fair cond 10.00.

HONEYDEWS ABOUT STEADY MEXICO 2/3 ctn few 5-6s 10.00 8s 8 00.

MISC MELONS ABOUT STEADY CA 2/3 ctn Crenshaw 5s 12.00 6s 10.00 MEXICO 2/3 ctn Orange Flesh 8s 8.00 9-10s 4 00-5.00.

WATERMELONS STEADY ctn FL per ctn All Sweets 3s 13.00 4s 12.50 Jubilee 3s 14 00 TX per lb Jubilee 2-3s 21-22 cents 4s 19 cents MEXICO per lb Jubilee 3s 20 cents 4s 17 cents.

Philadelphia Potato & Onion

Wednesday, December 5, 1990

ONIONS-DRY YELLOW JUMBO HIGHER, OTHERS ABOUT STEADY 50-lb sacks US#1 or generally good qual and cond new crop Yellow unless otherwise stated ID-OR Spanish Hybrid jumbo 750-850 mos 800 few 700 CO jumbo 800 fair quality 7- 750 NY Globe type lge 550-600 medium 400-500 fair qual 350 sml 350-400 25- lb sks Red lge 550 MI Globe type med 500 25-lb sks Red lge 500

POTATOES STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated ROUND WHITES new crop NYLI 525-550 fair qual 275-300 lge 625-650 baled 10-5 lb paper sks 7-725 5-10 lb paper sks 6-625 ME 500 fair quality 275 PA fair appear 400 CANADA CD#1 Prince Edward Isle 5-525 lge 600-700 few 750 Quebec 525 some 550 lge 700 some 675 10-lb loose 115 some 110 ROUND REDS new crop MN/ND 800-900 mos 850 sz B 12.00-13.00 NY 700-800 sz B 10.50-11.00 RUSSETS 50-lb ctn count new crop unless otherwise stated ID 70-80s 12.00 few 11.00 90s 10.50-11.00 mos 11.00 few 11.50 100s 900- 10.00 few 10.50 Baled 10-5 lb film bags non sz A 900-10.00 WI incl Norkotah 70s 9-950 80s 900 90s 750-800 mos 800 100s 700 120s 700 MI Norkotah 70-80s 850-900 90s 750-800 100s 650-700 CANADA CD#1 Prince Edward Isle 100s 650 baled 10-5 lb film bags non sz A 650.

Friend's Stockyard Inc.

Accident, Md. 21520

Dec. 3, 1990

STOCK BULLS & STEERS (200 TO 400 LBS.) 70.00-93.00.

STOCK HEIFERS: 55.00-78.00.

SLAUGHTER STEERS: GOOD TO CHOICE 77.50-80.25; MEDIUM TO GOOD 68.00-76.00.

HOLSTEIN STEERS: HEAVY 59.00-64.50; LIGHT 57.00-63.00.

SLAUGHTER HEIFERS: GOOD TO CHOICE 74.50-77.25; MEDIUM TO GOOD 64.00-73.50.

BULLS: HEAVY 61.50-70.50; LIGHT 46 00-60.00

COWS: FEW HIGH DRESSING 50.00-54.50; UTILITY HOLSTEIN 45.00-51.75; CANNERS 42.00-48.50, COMMERCIAL TO GOOD 43.00-47.00; CULL COWS 40.00 & DOWN.

VEALS: GOOD TO CHOICE 75.00-110.00, MEDIUM TO GOOD 65.00-73.00.

BOB CALVES: 30 00-58.00.

HOLSTEIN BULL CALVES: RETURN TO FARM 100-120 LB. 90.00-121.00.

HOLSTEIN HEIFER CALVES: RETURN TO FARM 100-120 LB. 85.00-126 00.

HOGS: FEW INDIVIDUAL BUTCHER HOGS 48.00-50.00; TOP QUALITY 46.75-47.50; HEAVY 45.00-46.00; LIGHT 40.00-44.50.

SOWS: 35.00-44.00.

MALE HOGS: 34.00-38.00.

BUTCHER LAMBS: 44.50-47.00.

SHEEP: 10.00-17.50.

EGGS: (PER DOZEN) LARGE 1.15 DOZ.; MEDIUM AND SMALL, NONE AVAILABLE.

LIVESTOCK PRICES ARE ALL GIVEN PER HUNDRED WEIGHT.

Belleville Livestock Auction

Belleville, Pa.

Wednesday, December 5, 1990

Report Supplied by Auction

CATTLE 138...REPORT IS SUPPLIED BY THE AUCTION...Compared with last Wednesday's market: Utility slaughter steers 58.75-64.50. Utility Holstein heifers 53.25-59.25. Breaking Utility and Commercial slaughter cows 50.10-53.25, Cutter and Boning Utility 48.00-51.35, Canner and Low Cutter 41.25-48 00, Shells down to 36 00. Yield Grade No. 2, slaughter bulls 54 00-60 75. Feeder Cattle. Steers 50.00-67.00

CALVES 114...Standard and Good vealers 40 00-47 00, Utility 30 00-36.00. FARM CALVES: Holstein bulls, No 1, 90/105 lbs. 89 00-110 00, 80/120 lbs 70.00-94 00, No. 1, Holstein Heifers up to 119.00.

HOGS 185.. Barrows and gilts US No 1-2 215/250 lbs. 48.85-49.35, 1-3 200/280 lbs. 46 00-48 50. US No. 2-3 sows 38 50-43.25. Boars 34 00-36.00

FEEDER PIGS 160 US No. 1-3 feeder Pigs 21 00-50 00 --- all per head

SHEEP 32.. Choice wool slaughter lambs 40 00-70 00, Spring lambs 74.00-105.00 Slaughter sheep 15 00-27 00 - all Cwt

GOATS 4...48.00 - 89 00 --- all per head.

HOLSTEIN DAIRY COWS 530 00-1075 00 --- PER HEAD.

Financial Energy for Farmers

FARMERS AgCREDIT CORP.

9 EAST MAIN STREET, LITITZ, PA
717-626-4721

B&B SPRAY PAINTING

Spray On Brush In

10 Years Experience In: Barns, Roofs, Fences, Houses, Exterior, Interior & Repointing, Masonry Restoration, Aerial Ladder Spray Painting

RD 1, Bird-In-Hand, PA 17505
ANSWERING SERVICE (717) 354-5561

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For Rent
★ Delivered To Your Location
★ Safe And Inexpensive Storage

KEENS SERVICES INC.
717-626-5420
850 Keens Road, Lititz, PA 17543

LEESPORT FARMER'S MARKET
North end of Leesport, PA — Turn East off Route 61
"WHERE FRIENDS MEET"
BERKS COUNTY'S ONLY WEEKLY CATTLE & SWINE AUCTION — WEDNESDAY AT 1 P.M.
FARMER'S MARKET Every Wednesday, 9 AM TO 8 PM
Garden Fresh Fruits & Vegetables - Bakery Fresh Cakes, Pies and Buns - Butcher Fresh Meats & Cheese - Sporting Goods - Clothing - Furniture - Jewelry - Used Items & Collectibles.
PHONE: 215-926-1307 BILL WEIST & WOODY WEIST, MGRS.

LOOKING FOR EXTRA CASH FLOW FOR YOUR FAMILY FARM?
EXCELLENT CONTRACTS AVAILABLE FOR HOGS & POULTRY
★ A STEADY MONTHLY INCOME
★ A GUARANTEED LONG TERM CONTRACT
Check Our Prices On Quality Buildings And Equipment!
Full Line Of Parts In Stock For Your Poultry & Hog Needs
WE SHIP UPS
SWINE & POULTRY SYSTEMS SPECIALISTS
FARMER BOY AG. INC.

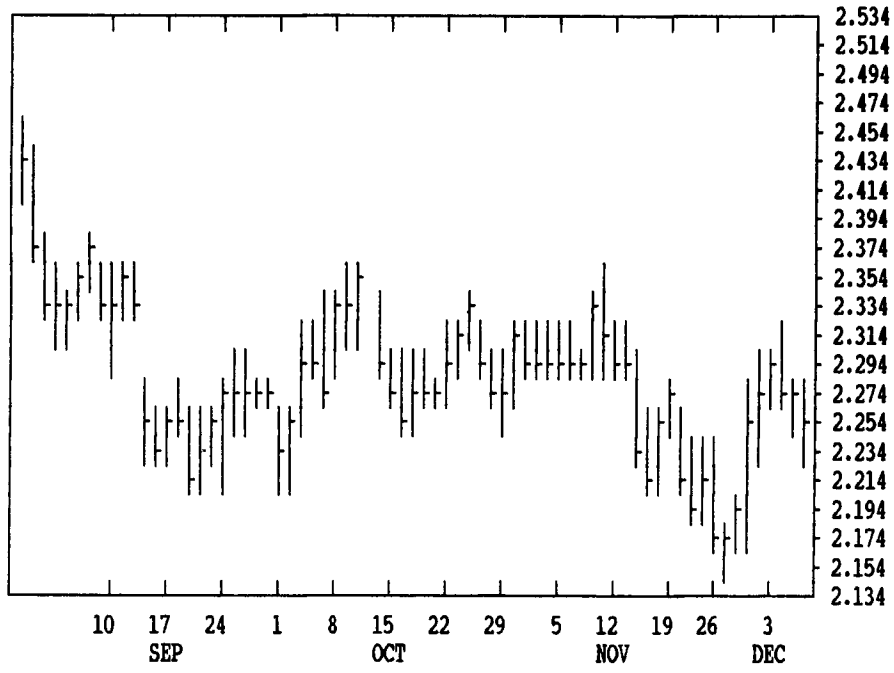
GARST SEED COMPANY
8315 GOOD & EARLY

GRAIN, CATTLE AND HOG FUTURES MARKETS

From DTN farmer satellite daily update. Service phone: (717) 731-1520

(Closing bids: Thursday, Dec. 6)

DTN GRAINS 16 DEC CORN CONTRACT HIGH: 2.964 LOW: 2.154



DTN FUTURES 10 12/06/90 TECHNICAL COMMENTS

	PAST WEEK'S (ENDING 11/30) HIGH	LOW	CLOSE	NOV'S (ENDING 11/30) HIGH	LOW	CURRENT SUPPORT	RESISTANCE
DEC WHT	2.49	2.38	2.45	2.70 1/4	2.38	2.56 MAR	2.74
JUL WHT	2.81 1/2	2.71 3/4	2.76 3/4	2.97 1/4	2.71 3/4	.	2.85
KC DEC	2.59 3/4	2.52 1/4	2.56 3/4	2.72	2.52 1/4	2.59 MAR	2.72
KC JULY	2.77	2.69 1/4	2.73 3/4	2.93 1/4	2.69 1/4	.	2.80
DEC CORN	2.29 1/4	2.15 1/2	2.27 3/4	2.35	2.15 1/2	.	.
MAR CORN	2.39 4	2.27 1/4	2.37 3/4	2.45	2.27 1/4	2.27	2.40
JLY91 CN	2.51 3/4	2.41 1/2	2.50 1/2	2.57	2.41 1/2	2.41 1/2	2.60 1/2
JAN BNS	5.96 1/2	5.71 1/4	5.89 1/2	6.16 1/4	5.64 1/4	5.89	6.21
JLY BNS	6.34 1/2	6.10	6.28	6.53 1/4	6.03 1/2	6.00	6.50
NOV91 BN	6.21	6.05 1/4	6.20 1/2	6.21	6.01 1/2	6.00	6.30
DEC MEAL	175.90	169.20	172.90	182.30	169.20	172.00 JAN	180.00
DEC OIL	21.60	20.03	21.36	21.82	19.78	21.00 JAN	22.41
DEC CTTL	79.77	78.30	78.55	79.77	76.70	.	.
FEB CTTL	76.85	74.90	75.15	76.85	74.27	74.10	76.85
JAN FDRS	88.25	87.12	87.60	88.25	85.12	87.00	90.00
DEC HOGS	53.00	50.02	50.90	54.70	50.02	.	.
FEB HOGS	51.45	47.70	48.20	53.00	47.70	47.00	50.00
FEB BLLS	71.12	64.70	66.65	73.75	61.15	60.00	68.00

CORN

	HIGH	LOW	LAST	CHG
DEC	2270	2246	2256*	-12
MAR	2376	2352	2372*	+4
MAY	2454	2426	2446*	+6
JLY	2516	2486	2510*	+10
SEP	2526	2500	2506*	+2
DEC	2520	2492	2506*	+6
MAR	2584	2566	2574*	+6
MAY				
JLY				

SOYBEANS

	HIGH	LOW	LAST	CHG
JAN	5996	5910	5972*	+46
MAR	6146	6060	6122*	+54
MAY	6280	6194	6262*	+50
JLY	6396	6306	6370*	+42
AUG	6400	6330	6396*	+50
SEP	6294	6234	6292*	+42
NOV	6274	6204	6266*	+44
JAN	6394	6330	6392*	+42
MAR	6504	6454	6500*	+30
MAY				

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
DEC	2476	2422	2470*	+34
MAR	2634	2590	2624*	+26
MAY	2710	2670	2704*	+22
JLY	2764	2724	2752*	+14
SEP	2816	2786	2810*	+14
DEC	2926	2894	2924*	+14

OATS

	HIGH	LOW	LAST	CHG
DEC	1116	1096	1116*	+16
MAR	1214	1192	1212*	+14
MAY	1270	1246	1266*	+16
JLY	1324	1304	1324*	+20

SOYBEAN MEAL

	HIGH	LOW	LAST	CHG
DEC	1766	1737	1760*	+17
JAN	1789	1758	1781*	+15
MAR	1839	1808	1827*	+11
MAY	1870	1841	1858*	+11
JLY	1893	1870	1883*	+8
AUG	1903	1880	1890*	+8
SEP	1885	1875	1875*	+3
OCT	1874	1855	1856*	-4

K.C. WHEAT

	HIGH	LOW	LAST	CHG
DEC	2626	2574	2620*	+50
MAR	2680	2634	2662*	+20
MAY	2720	2680	2710*	+26
JLY	2744	2714	2734*	+16
SEP	2800	2792	2792*	+16

MINN WHEAT

	HIGH	LOW	LAST	CHG
DEC	2546	2502	2544*	+26
MAR	2634	2590	2620*	+16
MAY	2704	2656	2684*	+22
JLY	2754	2744	2744*	+16
SEP	2784	2784	2784*	+20

SOYBEAN OIL

	HIGH	LOW	LAST	CHG
DEC	2185	2132	2160*	+17
JAN	2199	2155	2169*	+7
MAR	2233	2187	2203*	+6
MAY	2254	2220	2232*	+4
JLY	2270	2249	2252*	+7
AUG	2255	2240	2240*	+5
SEP	2250	2245	2250*	+10
OCT	2245	2230	2240*	+10

LIVE CATTLE

	HIGH	LOW	LAST	CHG
DEC	7957	7907	7927*	+20
FEB	7585	7527	7542*	+22
APR	7625	7572	7587*	+5
JUN	7400	7360	7375*	+3
AUG	7255	7210	7220*	+15
OCT	7247	7215	7217*	+2
DEC	7340	7300	7320*	+30
FEB				

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
JAN	8850	8780	8822*	+50
MAR	8585	8530	8557*	+20
APR	8445	8415	8420*	-2
MAY	8340	8312	8325*	-5
AUG	8265	8252	8252*	+12
SEP	8220	8190	8190*	+5
OCT	8170	8162	8162*	+17
NOV	8170	8150	8150*	+15

LIVE HOGS

	HIGH	LOW	LAST	CHG
DEC	4985	4895	4900*	-62
FEB	4817	4747	4760*	-17
APR	4595	4532	4537*	-15
JUN	4962	4890	4912*	+2
JLY	4975	4920	4927*	+12
AUG	4840	4795	4812*	+5
OCT	4362	4345	4345*	+5
DEC	4440	4440	4440*	-10

SWISS FRANC

	HIGH	LOW	LAST	CHG
DEC	7892	7846	7860*	+43
MAR	7875	7827	7844*	+43
JUN	7855	7820	7830*	+43

BRITISH POUND

	HIGH	LOW	LAST	CHG
DEC	19396	19300	19370*	+158
MAR	19146	19054	19124*	+160
JUN	18950	18764	18924*	+160

JAPANESE YEN

	HIGH	LOW	LAST	CHG
DEC	7620	7535	7547*	+85
MAR	7620	7530	7542*	+85
JUN	7570	7520	7531*	+85

EURODOLLAR

	HIGH	LOW	LAST	CHG
DEC	9204	9199	9203*	+4
MAR	9254	9247	9248*	0
JUN	9263	9256	9257*	-2
SEP	9254	9250	9250*	-1
DEC	9230	9227	9227*	+2
MAR	9219	9216	9216*	+2

S&P 500 INDEX

	HIGH	LOW	LAST	CHG
DEC	33550	32910	33050*	-130
MAR	33900	33190	33325*	-125
JUN	34200	33500	33645*	-120
SEP	34350	33800	33950*	-95

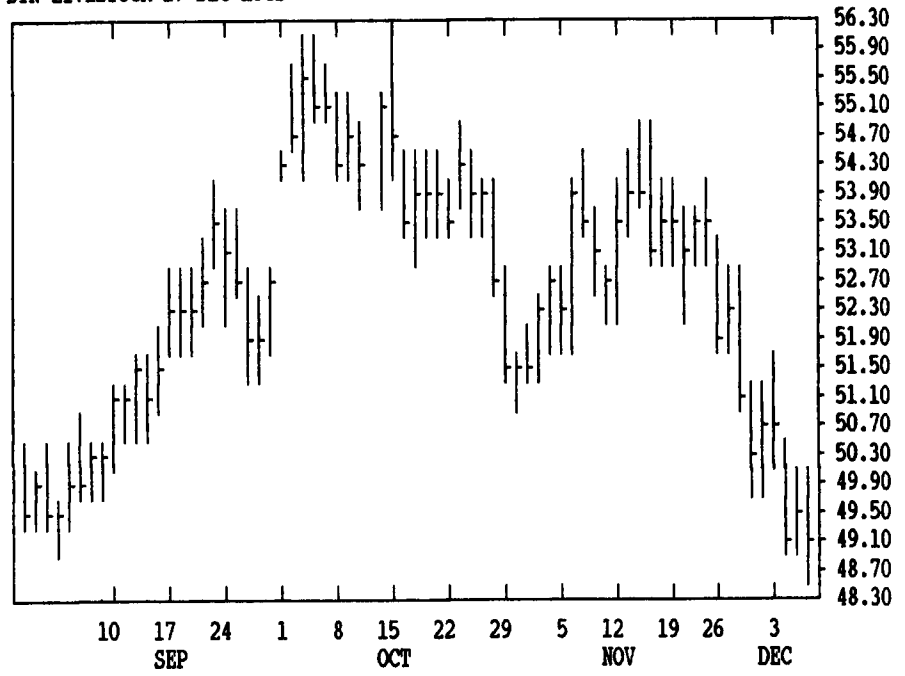
PORK BELLIES

	HIGH	LOW	LAST	CHG
FEB	6467	6255	6285*	-125
MAR	6380	6150	6200*	-115
MAY	6375	6190	6230*	-92
JLY	6320	6150	6180*	-102
AUG	6110	5890	5890*	-125
FEB				

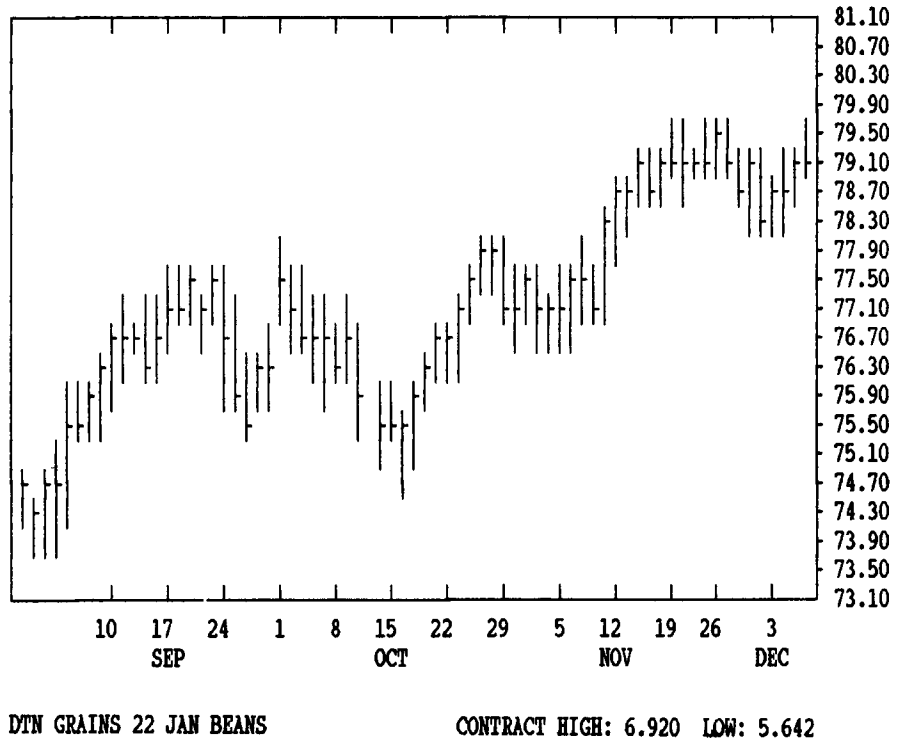
W. GERMAN MARK

	HIGH	LOW	LAST	CHG
DEC	6734	6694	6713*	+42
MAR	6710	6670	6689*	+43
JUN	6667	6664	6664*	+45
SEP	6645	6630	6645*	+48

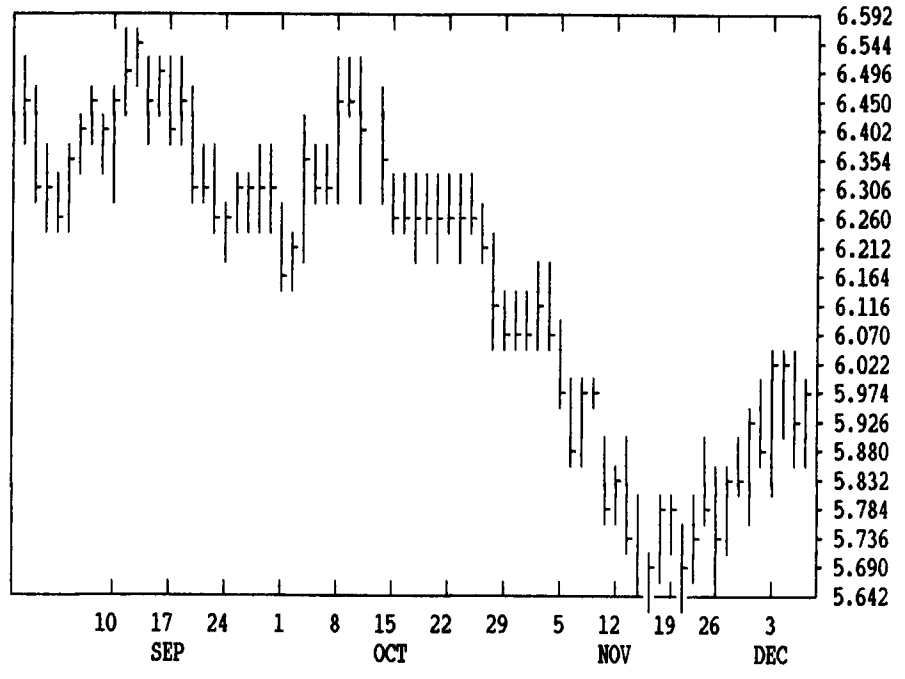
DTN LIVESTOCK 17 DEC HOGS CONTRACT HIGH: 56.10 LOW: 44.25



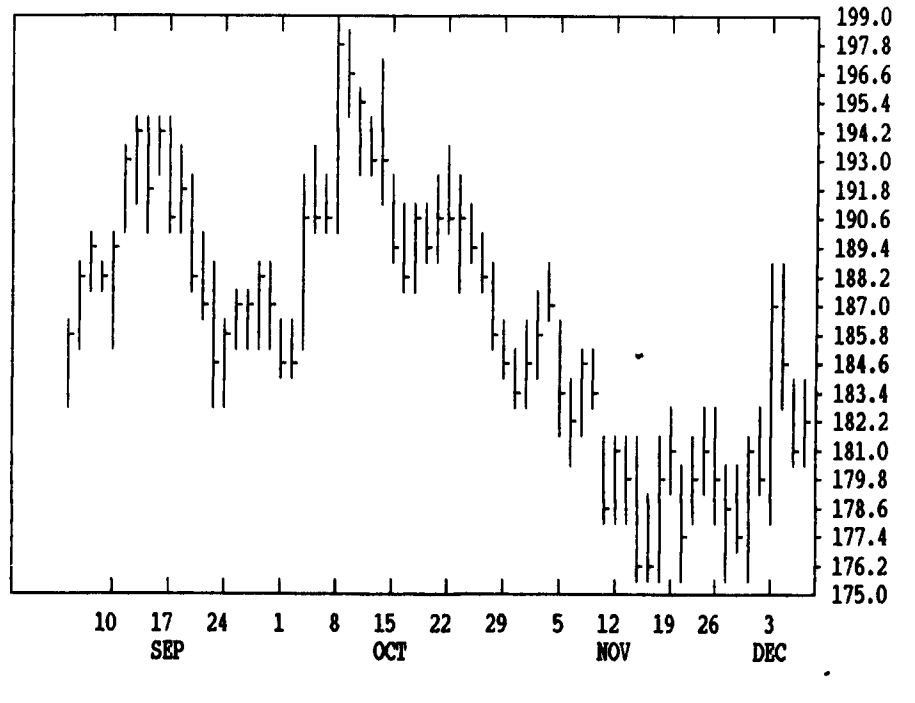
DTN LIVESTOCK 18 DEC LIVE CATTLE CONTRACT HIGH: 79.77 LOW: 71.00



DTN GRAINS 22 JAN BEANS CONTRACT HIGH: 6.920 LOW: 5.642



DTN GRAINS 23 MARCH SOY MEAL CONTRACT HIGH: 212.0 LOW: 174.5



Carlisle Livestock Market

Carlisle, Pa.
Tuesday, Dec. 4, 1990

SLAUGHTER STEERS: SELECT AND LOW CHOICE 72.75-78.00; STANDARD 64.00-70.00; HOLSTEINS SELECT AND CHOICE 63.00-70.00.

SLAUGHTER COWS: BREAKING UTILITY AND COMMERCIAL 51 75-54.25; CUTTER AND BONING UTILITY 48.00-53.50; CANNER AND LOW CUTTER 43.00-47.50; BIG MIDDLE 46.50-50.75. SHELLY 42.00 AND DOWN.

SLAUGHTER FAT BULLS: 55 25-66.75.

FEEDER CATTLE, GOOD DEMAND, FEEDER STEERS, 450-850 LBS. MEDIUM # 1 87.00-90.00. MEDIUM AND LARGE #2 67.50-82.00. HOLSTEINS 66.00-80.00.

FEEDER HEIFERS: ALL WEIGHTS, MEDIUM #1 76.00-86.00; LARGE #1 66 00-76.00; HOLSTEINS 57.00-70.00. FEEDER BULLS ALL WEIGHTS MEDIUM AND LARGE #1 and 2s 72 00-82.00, HOLSTEINS 67.00-68.00.

VEAL CALVES: CHOICE 90 00-105.00; GOOD 70.00-90.00; STANDARD 45.00-60.00; LIGHT WEAK 44.00 AND DOWN.

FARM BULLS: 110.00-140.00; FARM HEIFERS UP TO 132 00.

HOGS: BARROWS AND GILTS. US#1 AND 3 210-260 LBS. 47.00-47.75; 275-400 LBS. 40.00-47.25.

SOWS OVER 450 LBS. 38.75-41.00; UNDER 450 LBS. 38.75-40.00.

BOARS: HEAVY 35.25-36.75.

FEEDER PIGS: BY THE HEAD, 30-60 LBS. 28.00-59.00.

SHEEP: EWES AND BUCKS 13 00-28.00.

LAMBS: CHOICE 75-100 LBS. 51.00-58.00; GOOD 90-120 LBS. 46.00-50.00; GOOD 50-70 LBS. 50 00-54.00; MEDIUM, ALL WEIGHTS, 38 00-45.00.

GOATS: BY THE HEAD, LARGE 64.00-75.00; SMALL MEDIUM 29.00-55.00.

NOTE: SALE EVERY TUES. EVE. 5 P M. RABBITS, POULTRY AND EGGS; 7 P.M. LIVESTOCK.

STATE GRADED FEEDER PIG SALE FRI, DEC. 14. SALE TIME 1:30 P.M. HAY AND STRAW 12:45 P.M.

Four States Livestock

Hagerstown, Md.
Wednesday, Dec. 5, 1990
Report supplied by Auction

SLAUGHTER COWS: UTILITY 48.00-53.00; HIGH DRESSING UP TO 55.00; CANNERS 44.00-48.00; SHELLY 44.00 DOWN.

BULLS: 1 1995 LB. AT 71.50; YG#1 1700 LBS. AT 66.25; YG#2 58.00-60.00; STANDARD 52.00-55.00.

FED STEERS: CHOICE 1200-1400 LBS. 79.00-81.50; LOW CHOICE 74.00-79.00; SELECT 65.00-73.00; STANDARD 56.00-63.00.

FED HEIFERS: 1 CHOICE 1100 LBS. AT 73.75; SELECT HOLSTEINS UP TO 61.00.

VEAL CALVES: GOOD 130-150 LBS. 80.00-92.00; CULLS 80-115 LBS. 42 00-47.00; 50-80 LBS. 35.00-40.00, WEAK AND ROUGH 35.00 DOWN.

FARM CALVES, HOLSTEIN BULLS: #1 90-125 LBS. 90.00-117.00; #2 65.00-90.00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 130 00, BEEF X BULLS 120.00-155.00.

BUTCHER HOGS: 3 HEAD, 256 LBS. AT 49.50; 280-325 LBS. 49 00-54.00; 350-450 LBS. 50.00-52 00.

SOWS: 375-550 LBS. 49 00-52.00, FEW UP TO 56 00; #2 AND 3 600 LBS 40.00-44.00; 1 715 LB. AT 50 00.

BOARS: UP TO 36.25.

STOCK CATTLE, STEERS: 300-400 LBS 80.00-91.00; 500-700 LBS. 72 00-86.00, 700-900 LBS. 66 00-80.00, 900-1050 LBS. 65.00-77.00; HOSLTEINS 700-900 LBS. UP TO 65 00.

HEIFERS: 300-500 LBS. 70 00-83.00, 500-700 LBS. 65.00-72.00; 700-850 LBS. 57 00-68.00.

BULLS: 300-500 LBS. 75.00-85.00, 1 AT 105.00.

DAIRY REPLACEMENTS: LARGE SPRINGERS 900.00-1085.00; SMALL 600.00-800.00; FRESH COWS 685.00-750.00.

LAMBS: CHOICE 80-110 LBS. 49.00-54.50.

SHEEP: 20.00-32.00.

GOATS: MEDIUM UP TO 58.00.

PIGS AND SHOATS: BY THE HEAD, 30-50 LBS. 32.00-44.00; BY THE POUND 170-190 LBS. 45.00-49.00.

STOCK BOARS: 310 LBS. AT 39.00.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, December 4, 1990
Report Supplied by PDA

CATTLE 160 ..PDA...Individual Select slaughter steer 72 00, few Standard and Select 60.00-67.00, few Standard 58.00-62.75. Two Choice sl. heifers 73.25&77.50, few Select and low Choice 66.75-72.50, few Standard 51.50-59, few Utility 45.25-49.50. Breaking Utility & Commercial sl. cows 52.00-54.75, few 57.75, few low dressing down to 49.25, Cutter & Boning Utility 47.00-52.75, few 53.50, low dressing down to 45.00, Canner & Low Cutter 44.75-47.25, low dressing down to 41.75, Shells down to 31.25. Few Yield Grade No.
1, 1260/1455 lbs. sl bulls 58.50-59.75, one 50 00.

CALVES 186. .Couple Standard vealers 70 00&79 00, Standard & Good 80/95 lbs. 63 00-69.00, Standard & Good 75/80 lbs 47 00-48.00, Utility 55/80 lbs. 30 00-45 00. Farm Calves Hol Bulls No 1, 85/130 lbs 90 00-115 00, No 2, 80/105 lbs 70 00-102 00, couple Hol. Heifers 90/110 lbs. 110 00&130 00. Beef cross 75/100 lbs bulls and heifers 43 00-71.00

HOGS 177. Supply included 57 head sows Lot US No 1-3 215/235 lbs barrows and gilts 47.75-47.85, lot 260 lbs 47 25, lot 2-3 240 lbs. 47.75, lot 2-4 250 lbs. 44 00, lot 1-3 203 lbs 43.25 Sows US No 1-3 285/580 lbs. sows 36.25-43.50, mostly 37.00-41, two 2-3 615/700 lbs 38 76&39.00, Medium 270/490 lbs. 29 00-36 50. Few Boars 37.25-37.75.

FEEDER PIGS 22...US No. 1-3 25/50 lbs feeder pigs 51.00-55.00 - Cwt.

SHEEP 1. Choice 100 lbs. wool slaughter lamb 45 00 - all cwt.

GOATS 1.. Large 50.00 - all per head.

Keister's Middleburg Auction

Middleburg, Pa.
Tuesday, December 4, 1990
Report Supplied by Auction

CATTLE 534...REPORT IS SUPPLIED BY THE AUCTION...Compared with last weeks market: High Choice & Prime slaughter steers 81.00-83.50, Choice 77.00-82.75, Select 72.00-76.75, Standard 68.00-71.75; Choice Holsteins 72.00-76.25, Select 67.00-71.75, Standard 63.00-66.75. Choice sl. heifers 76.00-80.25, few 81.25, Select 70.00-75.75, Standard 62.00-69.75. Breaking Utility & Commercial sl. cows 50.00-55.75, Cutter & Boning Utility 48.00-54.50, Canner & low Cutter 44.00-48.00, Shells down to 38.00. Choice sl. bullocks 68.00-71.50, Select 64.00-67.75. Yield Grade No. 1, 1200/1960 lbs. sl. bulls 60.00-65.75, No. 2, 800/1200 lbs. 55.00-62.50. Feeder Cattle: 400/825 lbs. steers 67 00-86 00. Heifers 400/685 lbs. 60.00-77.00.

CALVES 219...Prime vealers 117.00-120.00, Choice 95.00-112.00, Good 90/110 lbs. 55.00-70.

00 Standard & Good 60/90 lbs. 40.00-55.00. Farm Calves: Holstein bulls No. 1, 90/125 lbs. 90.00-135.00; Hol. Heifers 80/120 lbs. 70 00-115.00.

HOGS 339...US No. 1, 225/250 lbs. barrows and gilts 48 25-49 50, 1-2 220/250 lbs. 47 00-48.85, 2-3 215/250 lbs. 46.00-47.00, 2-4 190/270 lbs. 43 00-46 00. US No. 1-3 280/650 lbs. sows 36 00-39, few 42 00, 2-3 270/575 lbs. 30.00-36.00. Boars 34.00-37.50.

FEEDER PIG 288...US No. 1-3 20/35 lbs feeder pigs 30 00-41.00, 35/50 lbs 40 00-52.00, 60/70 lbs. 52 00-57.00 --- all per head.

SHEEP 46 .Few Choice 30/40 lbs. wool slaughter lambs 79.00-170 00, Good 80/125 lbs 45 00-55, few 60 00-66.00 Slaughter ewes 19 00-26 00 - all cwt

GOATS 16 .. --- all per head

Shenandoah Valley Livestock

Harrisonburg, Va.
Dec. 1, 1990
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 92.00-111.50; M&L 2 79.00-88.00; 500-700 LBS 82.00-94 00; 2s 70.00-76.00; 700-1000 LBS. 75.00-80.00.

FEEDER BULLS: 300-500 LBS. 80.00-94.00; 2s 74.00-76 00. 500-700 LBS. 72.00-78.00; 2's 66.00-72.00.

HEIFERS: 200-300 LBS. 83.00-84.00; 300-500 LBS. 75.00-82.00; 2's 75.00-86.00. 500-700 LBS. 72.00-79.00; 2's 68.00; 700-1000 LBS. 67.00-74.00.

STOCK COWS: BEEF TYPE WITH CALVES 700.00-825.00; BABY CALVES BY THE HEAD 60.00-113.00.

SLAUGHTER COWS: UTILITY AND COMMERCIAL 2-4 45.00-49.25, CANNERS AND CUTTERS 43.00-48.00.

SLAUGHTER BULLS: 1&2 60.00-65.25.

LAMBS: BLUE O HIGH CHOICE AND PRIME 47.25; RED O CHOICE 48.50; FEEDER LAMBS CHOICE 56.25; SLAUGHTER EWES 15.00-22.50.

TOP HOGS: 54.50.

BOARS: 32.50.

Indiana Livestock

Homer City, PA
Thursday, December 6, 1990
Report supplied by PDA

CATTLE 166. COMPARED WITH LAST THURSDAY'S MARKET, SL. COWS 50-75 LOWER. SEL. & LOW CH. 72.00-77.75, FEW STAND. 61.00-68.25, CH. ONE 73.50, FEW SEL. 65.00-66.00, FEW STAND. 60.50-62.00, BREAKING UT. & COMMERCIAL SL. COWS 49.00-52.50, COUPLE 53.75-58.00 ONE 62.00. CUTTER & BON. UT. 44.50-50.00, CANNER & LO CUTTER 35.00-44.75. SHELLS DOWN TO 30.00. CH SL. BULLOCKS YIELD GRADE NO. 1 1180-1840 LBS. SL. BULLS 58.00-62 50, FEW NO 2 955-1775 LBS. 48.00-54.75.

FEEDER CATTLE STEERS FEW M-L #1 420-600 LBS. 71.00-84.00, 790-1060 LBS. 60.00-70.25. HEIFERS M&L #1 365-460 LBS. 70 00-80.00, 670-805 LBS. 62.00-70.00. BULLS M&L 400-665 LBS. 69.50-78.50.

CALVES: 111. STAND. & GD. 60-120 LBS. 40.00-50.00, FEW UT. 50-60 LBS. 30.00-32.00 NO. 1 HOLSTEIN BULLS 90-145 LBS. 90.00-133.00, 80-90 50.00-90.00, NO. 2 90-120 LBS. 60.00-100 00. NO. 1 HOL. HEIFERS 85-140 LBS. 66.00-115.00, FEW BEEF CROSS 80-105 LBS. BULLS & HEIFERS 97.50-132.50.

HOGS 99: BARROWS & GILTS 1.50-2.00 LOWER, COUPLE LOTS US NO. 1-2 230 LBS. 48.00, 1-3 215-255 LBS. 46.25-47.25, 2-3 250-260 LBS. 45.00-46.25 FEW 43 00, LOT 1-3 208 LBS. 46.00. FEW US NO. 1-3 430-630 LBS. SOWS 43.00-46.75, COUPLE 2-3 570 & 680 LBS. 38.25. BOARS 32.50-35.50.

FEEDER PIGS 29: US NO. 1-3 30-40 LBS. FEEDER PIGS 32.00-36.00, LOW 1-3 60 LBS. 47.50, LOT 2-3 35 LBS. 28.00.

SHEEP 12: LOT CHOICE 87 LBS. 45.50, FEW SLAUGHTER SHEEP 11.00-16.50.

GOATS 8: FEW MEDIUM & LARGE 31.00-47.00, COUPLE SMALL 27.00-29.00/HD.

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Addresses Deer Controversies

UNIVERSITY PARK (Centre Co.) — The problems and benefits attributed to the white-tailed deer and the challenges of managing Pennsylvania's exploding deer population are discussed in a new video produced by Penn State's College of Agriculture.

Entitled "White-tailed Deer: Pennsylvania's Most Controversial Animal," the video explores the economic, social and environmental impact of deer on agriculture, tourism, and conservation. Farmers, hunters, foresters, game commissioners, educators and environmentalists will find useful and thought-provoking information in the video.

The abundance of deer in the Keystone State has led to the development of a thriving, hunting-based tourism economy in many rural areas. In 1989, about 1.25 million Pennsylvania hunters killed nearly 400,000 deer and spent an average of $500 each on their sport. Hunting also is a cultural tradition strong enough in many counties to prompt the closing of schools on the first day of deer season.

But what hunters and hunting-related businesses consider a bounty can be a major headache for farmers and foresters.

Mel Eckhaus, wildlife specialist with the Pennsylvania Farmers Association, says 38 percent of farmers surveyed have suffered heavy or extensive crop damage from deer. Another 58 percent say they have sustained moderate or slight damage. State officials estimate annual crop loss to deer at about $30 million.

State and federal forestry officials say deer also hamper regeneration of woodlands. In some forested areas of Pennsylvania, deer are suspected of wiping out virtually all new tree growth and underbrush.

"The controversy surrounding deer has polarized groups on both sides of this complicated issue," said Dr. Margaret Brittingham, assistant professor of wildlife resources, who helped develop the video. "We hope to foster a better understanding of the different viewpoints."

Dr. William Sharpe, professor of forest hydrology, worked with Brittingham to develop the video. He says the production offers suggestions for reducing the damage and conflict caused by deer in Pennsylvania. "We try to propose solutions to the problem — what's been done, what has worked and what could be done in the future."

Peter S. Duncan, executive director of the Pennsylvania Game Commission, also appears on the video to discuss state efforts to control the deer population and assist farmers with deer-related damage control.

The video was funded by Penn State's College of Agriculture and the U.S. Department of Agriculture, Renewable Resources Extension Act.

The 34-minute video is in VHS format, and is available for $35 (postage paid) from Ag Information Services, 119 Ag Administration Building, University Park, PA 16802, (814) 865-6309. Make checks payable to Penn State.

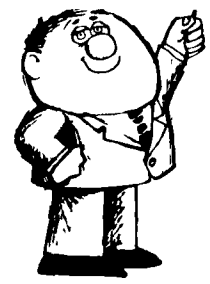
MAMMA
Middle Atlantic Milk Marketing Assoc

ASC Elections Held

LANCASTER (Lancaster Co.) — The ASC Community Elections, to select farmer representatives, were held this year from November 23 to December 3. Paul B. Kline, Chairman of the Lancaster Agricultural Stabilization and Conservation Committee reminds farmers to exercise their right to choose who they want to represent them.

Kline said that selected representatives will serve a three year term.

Chairman Kline suggests that anyone who did not receive a ballot or anyone who has questions concerning eligibility to vote should contact the ASCS Office at (717) 397-6235. Farm owners and operators are eligible to vote.



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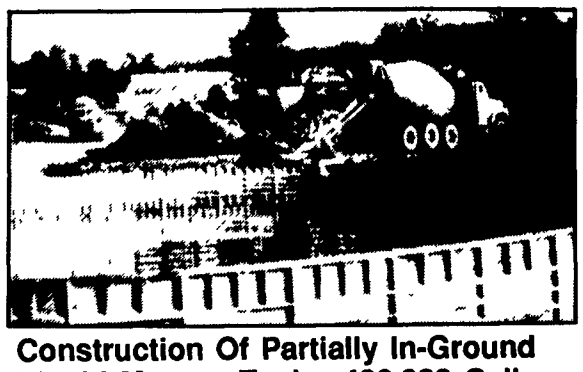
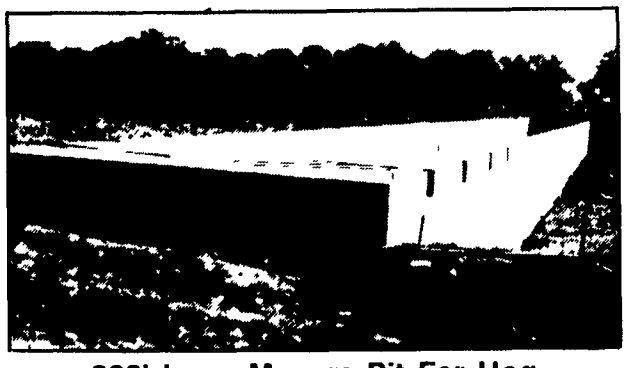
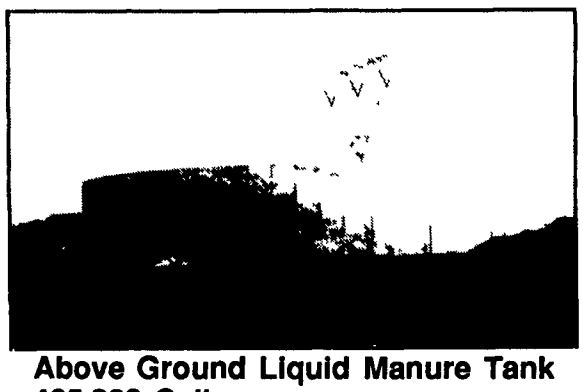
In-Barn Manure Receiving Pit



Construction Of Partially In-Ground Liquid Manure Tank - 400,000 Gallons



300' Long Manure Pit For Hog Confinement



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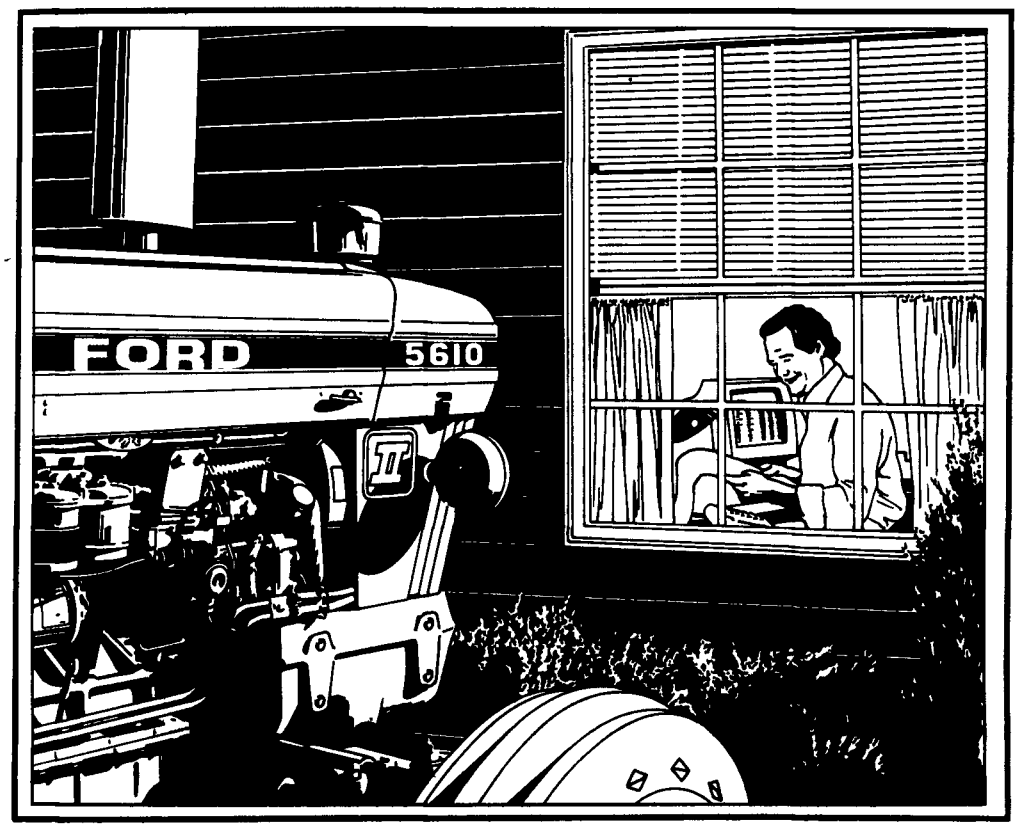

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Numbers Gain Or Numbers Game?

GREG SOLT
Northampton Co. Agent

What came first? The chicken or the egg?

A similar question can be asked of DHIA members.

Which comes first? Do DHIA members herds produce more on average because they belong to DHIA? Or is it just that herds who would be above average any way are more likely to join DHIA?

This question came up during a discussion I had recently with a dairyman. I was trying to convince him to try DHIA.

I'd rate this dairyman among the better managers in our county. He has a good producing herd of cows based on his milk slips. I showed him the records proving DHIA member herds averaged several thousand more pounds of production per cow compared to non-DHIA herds. He argued that the numbers were "fixed."

"Look who belongs to DHIA in our county," he stated. He then listed 10 or 12 herds and argued they had the best land, best barns, best genetics and best management. They belonged to DHIA 100 percent.

Then he listed five or six of our less productive herds. They were 100 percent non-members.

"DHIA can't take the credit. It's just a number game. The 'good' herds belong for the prestige not for the records," he argued.

There is some truth in this dairyman's logic. Better managers are more prone to use the tools available to them and DHIA is one such tool. But it doesn't tell the whole story.

Imagine if we eliminated all DHIA programs for 5 years. If we compared the averages of the herds of those who had been members and those who were not, I'm sure there would still be a difference in favor of former members.

But (and here's the big "but") the difference wouldn't be as large as it is now.

To illustrate, let me share an example of a farmer with whom I worked.

I was a county agent in Lebanon County from 1976 to 1979. One herd I worked with then was one I'd call a top-managed herd. I worked with this herd many times.

Shortly after I came to the county he stopped DHIA testing. About two years after he quit, I got a call.

It was taking too long to milk his cows. He felt something was wrong with his milking system.

In 1976 I performed a milking routine check for the farmer. He averaged 5½ minutes per cow. Now, two years later, his time was more than 8 minutes per cow.

His pipeline system was okay. We traced part of the problem back to when he dropped DHIA. Then he knew exactly what each cow produced. Now he based his estimate on what he saw in the line.

Cows that took longer to milk were assumed to milk more. Fast-milking cows were culled. He'd been selecting for harder or longer milking cows, not more productive cows. We went back and checked his old DHIA records and he was surprised that he had culled many of his "good cows" based on the old records and kept some plain out "dogs" and considered them good cows today.

Even so, he still had a fairly productive herd. But we did a check of milk slips and found his average production had dropped over the two years.

I can't remember the exact numbers, but I remember it happened at a time the overall county rolling herd average was going up about 500 pounds of milk per year.

What did I learn from this experience?

This was a good herd and even without DHIA it remained a productive herd compared to the county average. However, without the DHIA records, the manager made mistakes that lowered the herd's performance.

It doesn't matter if the herd is average, in the top 20 percent, or the lowest 20 percent, the use of good production records makes a significant difference.

So what's the answer to the question I raised earlier?

Do herds get better when the owners are DHIA members or are owners of better herds more likely to join DHIA?

It's a combination of both.

Forage, Feed Analysis Available By Mail

BOB ORMSBY
Director of Member Training

UNIVERSITY PARK (Centre Co.) — On Sept. 1, Pa.DHIA began providing a full range of forage and feed analysis services through a joint agreement with the Northeast DHIA lab in Ithaca, N.Y.

This means that you can order service by mail from the N.E. DHIA lab for the same rates paid by NE DHIA members.

Your Pa. DHIA supervisor should be able to explain the service and to provide forage sample bags and order forms at no cost. This is a direct mail program and you will send your samples to the lab in Ithaca.

We are pleased to making this service available to you and if you need supplies or have any questions at all, feel free to call Pa. DHIA at 1-800-255-5344.

How Does Your Herd Compare?

STATE COLLEGE (Centre Co.) — This data is pulled from Pennsylvania DHIA's mainframe computer each week. It is a one-week summary representing approximately one-fourth of the herds on test, as they are tested monthly.

These data are valuable from a business management standpoint and can be used for comparing your operations to the averages from almost 1,400 herds across the state.

DHIA Averages for all herds processed between 11/19/90 and 11/26/90

Number of Herds Processed	1,341
Number of Cows Processed	77,210
Number of Cows Per Herd	57.5
Milk Per Cow (Lbs)	17,216
%-Fat	3.66
Fat Per Cow (Lbs)	630
%-Protein	3.18
Protein Per Cow (Lbs)	547
Average Days in Milk Per Cow	315
*Value for CWT Milk($)	14.78
*Value for CWT Grain($)	8.16
*Value for CWT Hay($)	4.35
*Value for CWT Silage($)	1.52
*Value for Pasture Per Day($)	.31
*Value for Milk Per Cow Per Year($)	2,545
*Feed Consumed Per Cow Per Year(Lbs)	
A: Grain	6,870
B: Hay	2,590
C: Silage	14,506
D: Day Pasture	65
*Feed Cost Per Cow Per Year($)	
A: Grain	561
B: Hay	112
C: Silage	221
D: Pasture	20
*Total Feed Cost Per Cow Per Year($)	916
*Income Over Feed Costs Per Year($)	1,629
*Grain to Milk Ratio	1:2.5
*Feed Cost Per CWT Milk($)	5.32
Avg Level For 1,086 SCC Herds	338,967

*Member generated figures

FOCUS
Pennsylvania Dairy Herd Improvement Association
Call 1-800-DHI-TEST for service or information

HAIL, HIGH WINDS AND THE AGRONOMIST WHO DID MORE THAN SHOOT THE BREEZE.

It was the worst hailstorm to hit in years. And when it was over, cornfields had practically disappeared.

Pioneer agronomist Jerome Lensing got right to work, organizing meetings for anyone interested in discussing the damage. More than 100 farmers attended. Together they visited dozens of farms, cut open the corn stubs and made stand counts.

What Jerome told the farmers was surprising. Yes, the corn was beat up. Yes, it looked ugly. But no, there was absolutely no need to replant.

The corn had reached the fifth leaf stage and was about five inches tall when the hail beat it down to nothing. But the growing point was still below ground — and still white and healthy.

Pioneer could have sold a lot of corn to a lot of worried farmers that Memorial Day weekend. Instead, we sold them on the value of a good business partner. One whose goal is to help farmers grow corn more efficiently and more profitably.

Three weeks after the hailstorm, Jerome returned. And everybody wanted to buy him lunch.

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Warren Dairy Farmers Receive Honors

WARREN (Warren Co.) — The annual Dairy Herd Improvement Association (DHIA) and Holstein Club banquet was held recently at the Wrightsville Fire Hall.

According to James Cowden, county extension agent, the 40 county herds enrolled in the Pennsylvania DHIA produced at nearly the same level as last year.

The final statistics included 2,467 cows that produced an average of 16,497 pounds milk, 612 pounds butterfat, and 529 pounds of protein per cow.

Top herds were honored at the meeting, Maple Place Farm of Sugar Grove was the high herd in milk production. The cows produced an average of 21,478 pounds of milk. Owner Alan Ludwick received an award plaque from Pennbank for his herd's achievement.

The best herd in both butterfat and protein production was that of Floyd Beardsley, Pittsfield. The Beardsley herd averaged 788 pounds of fat and 675 pounds of protein. He received plaques sponsored by Marine Bank and PennWest Farm Credit for his respective honors.

The herd with the lowest somatic cell count was Twin States Farm of Sugar Grove. Their cows averaged 108,000 somatic cells, and they received a plaque from the Conneaut Lake Veterinary Clinic.

One herd received all three of the most improved honors. The herd of Mike and Pam Donaldson, Akeley, had the most improvement in milk, butterfat, and protein. The Donaldsons' Brown Swiss cows increased production by an average of 2,894 pounds of milk, 94 pounds of butterfat, and 98 pounds of protein. For their achievements the Donaldson family received plaques from PennWest Farm Credit, Northwest Savings Bank, and Mosher Mobile Milling and Nutrena Feeds.

The top individual cows were also honored at the banquet.

The high cow in milk production was owned by Willard Hitchcock of Lander. The Holstein cow #49 produced 29,841 pounds of milk. The nearly 3,500 gallons of milk produced by this one cow could supply enough milk for over 40 families during a year. A trophy was awarded Hitchcock by Falconer Agway.

The high cow for butterfat and protein production was from Gla-Don Farm in Sugar Grove. The Holstein #211 owned by Wayne Gruber produced 1,099 pounds of butterfat and 888 pounds of protein. Gruber's cow was awarded trophies from Corry Agway and 5M Feeds.

The DHIA presented rosettes to the highest herds in protein and butterfat production. Cowden noted that Pennsylvania DHIA began to rank herds on the basis of protein instead of butterfat in 1990. True protein is a more accurate measure of the cheese yield for milk than the fat content. Also, Cowden said that today's health conscious consumer prefers milk with less butterfat.

(Turn to Page A29)

ADC Elects Officers

SOUTHAMPTON (Bucks Co.) — Atlantic Dairy Cooperative's board of directors elected officers for the 1990-1991 fiscal year and announced the results of director elections during the cooperative's annual meeting Nov. 15-16.

Robert B. McSparran, Peach Bottom, was elected to his 11th term as president of the 3,555-member cooperative. The Lancaster County dairy farmer has served on the board for 24 years.

McSparran and his wife, Charlotte, own and operate a 300-acre farm and milk 60 Guernsey cows. They are in partnership with their son, John W.

Re-elected as first vice president was Ivo V. Otto Jr., Carlisle. Otto has been a member of Atlantic for 30 years, serving on the board of directors for 23 years. He and his family operate a 300-acre farm in Cumberland County and milk 100 Holstein cows.

Elected to his fourth term as second vice president was Roy W. Hetrick, Bernville. Hetrick has been a director of Atlantic since 1974. He and his family operate an 870-acre farm in Berks County. They milk 275 Holstein cows and farm an additional 450 acres.

Also re-elected as officers were: Dr. Paul E. Hand, Warminster, secretary and general manager; Robert M. Dever, Philadelphia, assistant secretary and assistant general manager; and Evan L. Fineman, Philadelphia, treasurer. Hand, Dever and Fineman are employed by the cooperative at its Southampton headquarters.

In addition to the officers, the following directors were re-elected during their fall district meetings: Robert R. Gehman, Coopersburg, District 1; J. Wade Groff, Lancaster, District 5; Roy W. Hetrick, Bernville, District 9; Elvin M. Rohrer Jr., Cochranville, District 11; Curtis E. Akers, Quarryville, District 12; and Jason R. Hertzler, Milton, District 19.

New to the board are William R. England, Williamsburg, and Elizabeth A. Smith, Montrose. England, the new District 20 director, replaces Byron E. Sollenberger, Curryville, who retired from the board. Smith fills the District 23 position, formerly held by Lawrence M. Spadine, Nicholson.

Atlantic Dairy Cooperative, which represents dairy farm families in a seven-state region, marketed 3.18 billion pounds of milk in fiscal 1990, with sales topping $600 million.

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Luzerne County DHIA Meets

The Luzerne County Dairy Herd Improvement Association (DHIA) completed it's 61st year of testing with 18 whole year herds and 6 owner sampler herds.

During 1990, 1,176 cows were on test in the county producing an average of 16,431 pounds of milk, 646 pounds of butterfat and 527 pounds of protein per cow.

Special honor went to Fred Shultz, Berwick, who had the top herd with 22,097 pounds of milk, 952 pounds butterfat and 708 pounds protein. Fred also had the most improved herd for milk and butterfat at 3,277 pounds and 141 pounds respectively. Fred ranks third in the state for top holstein herd for butterfat for 1990, and having recently sold his herd, Fred was honored for 41 years on test in Luzerne County.

Dairymen with herds in excess of 700 pounds of butterfat per cow were Fred Shultz, 952 pounds; Robert Hough, Stillwater, 820 pounds; Jack & Nelson Dent, Berwick, 770 pounds; Paul Stoss, Jr., Lehighton, 732 pounds; Hillside Farms Inc., Shavertown, 707 pounds; and Derwood and Dennis Moyer, Wapwallopen, 707 pounds.

Herds with protein production records in excess of 600 pounds were Fred Shultz, 708 pounds; William Dagostin & Sons, Berwick, 614 pounds; Pecora Brothers, Drums; 609 pounds; Robert Hough, 608 pounds; and Jack and Nelson Dent, 606 pounds.

The cow with the highest 305-day milk lactation record was #4998 owned by William Dagostin & Sons. She produced 29,910 pounds milk, 747 pounds protein and 910 pounds butterfat.

The cow with the top 305-day butterfat record was Debbie, owned by Robert Hough. She produced 26,418 pounds milk, 829 pounds protein and 1,337 pounds butterfat.

Edith, a cow owned by Fred Shultz had the top 305-day protein record at 939 pounds, 29,497 pounds milk, and 925 pounds butterfat.

Robert Hough was also recognized for having 8 cows in the herd with lifetime production certificates totaling 1,021,562 pounds.

The annual meeting of the Luzerne County DHIA was held at the Lookout House, Nescopeck with Martin Smith presiding.

Directors for the 1991 year are Carl Troxell, Nelson Dent, Butch Manzoni Jr., Michael Pecora, Jeanette Yost and Eugene Chapin.

Officers include Martin Smith, president; William Dagostin III, vice president; and William Conyngham, secretary-treasurer.

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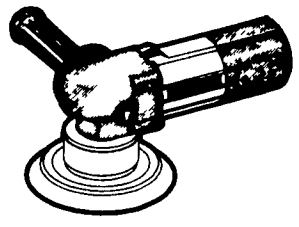

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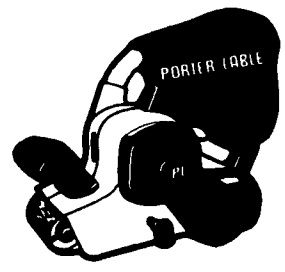

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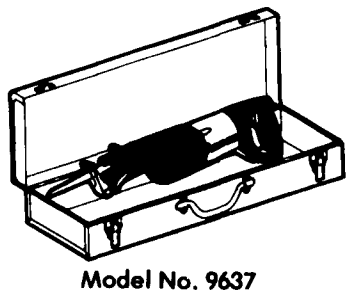

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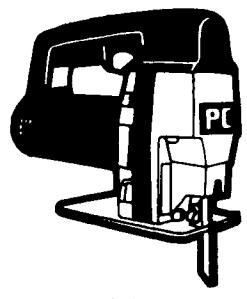

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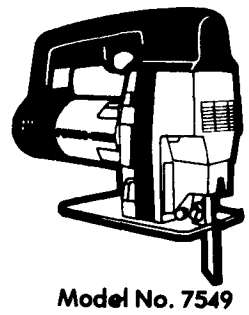

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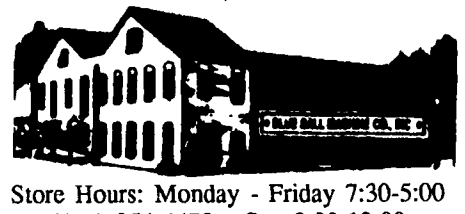

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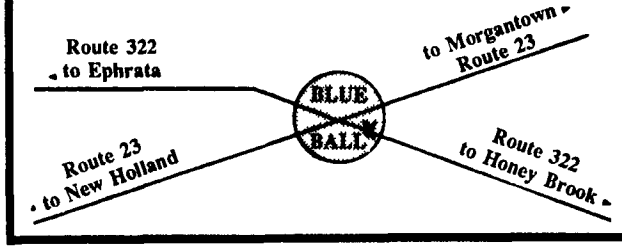

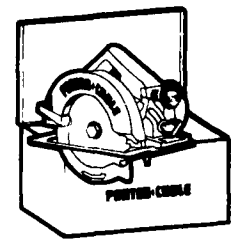

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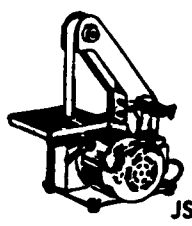

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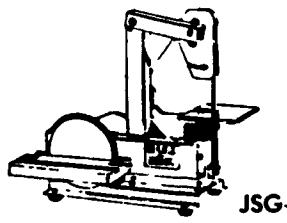

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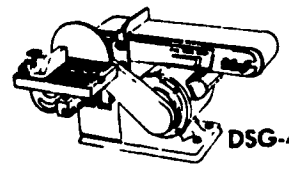

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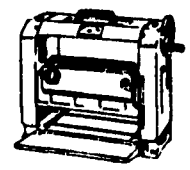

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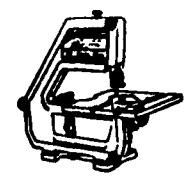

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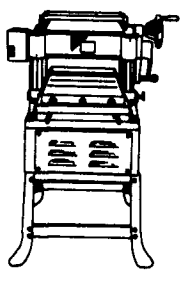

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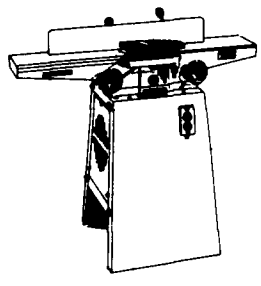

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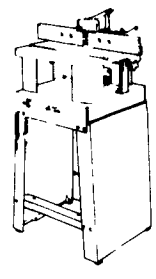

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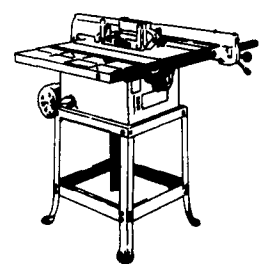

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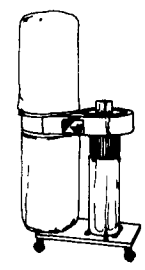

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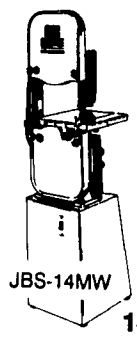

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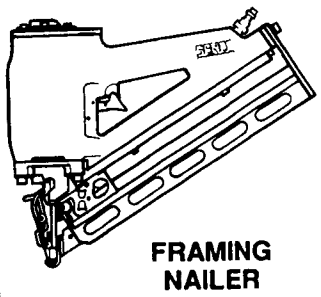

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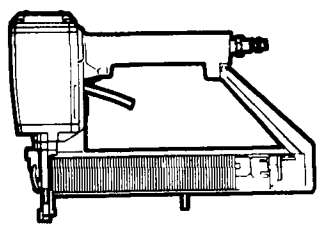

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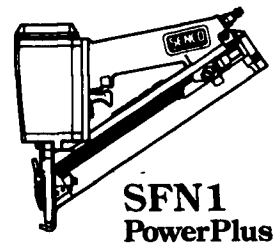

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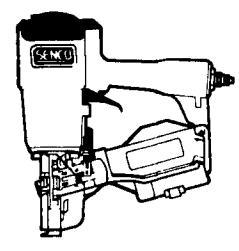

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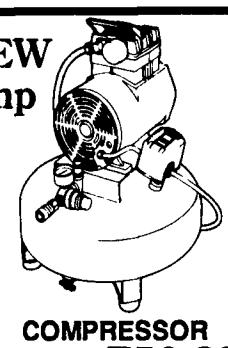

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Weaver Brothers

(Continued from Page A1)

can pick out--something that can tell you what kind of breeding you have and which bull will work well in that cow family."

The brothers do see some conflict between breeding for cow families and breeding for the index numbers assigned by the registered breed associations.

"I wish they would alter their criteria for index numbers a little," Landis said. ""If they could find a way to factor in longevity, it would be good. A lot of high index cows are gone after two or three years. Some of the cows out of low indexed bulls milk well and last a long time, but they have no value in the bull market.

"It seems unfair, but right now, if you are going to merchandise, you are going to need to go with high index numbers."

Tower-Front Bell Elaine, VG 86, was recently honored by the Pennsylvania Holstein Association and the Lancaster County Holstein Association for her production topping record of 38,600m 1250f 1260p. Bell Elaine had top production of 141 lbs per day and milked over 100 lbs per day for eight months.

Actually, the Weavers like to stress cow families with high index numbers.

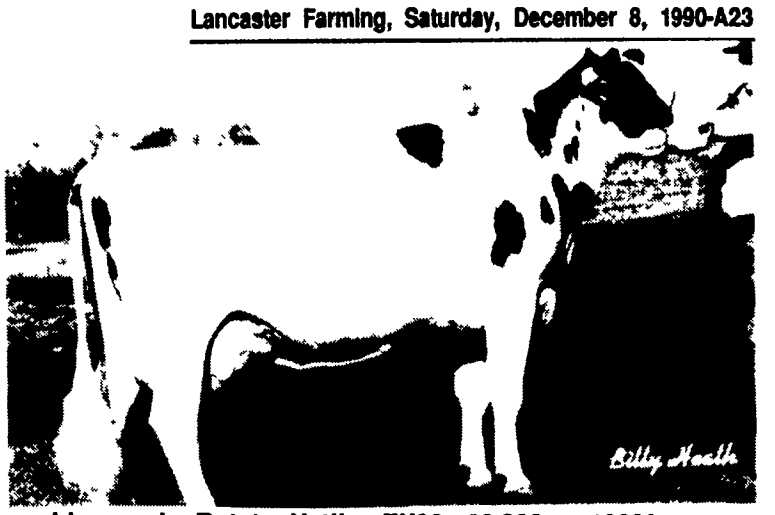
"We may sacrifice a little index at times," Herb said. "But if you can keep the type up, in the long run, you'll be ahead. Some guys breed a cow one time and they have a bull mother, but if you can look back several generations you will get a bull mother anyway, plus, you have some hope for longevity."

As for BST, "I don't like it," Herb said. And Landis agreed.

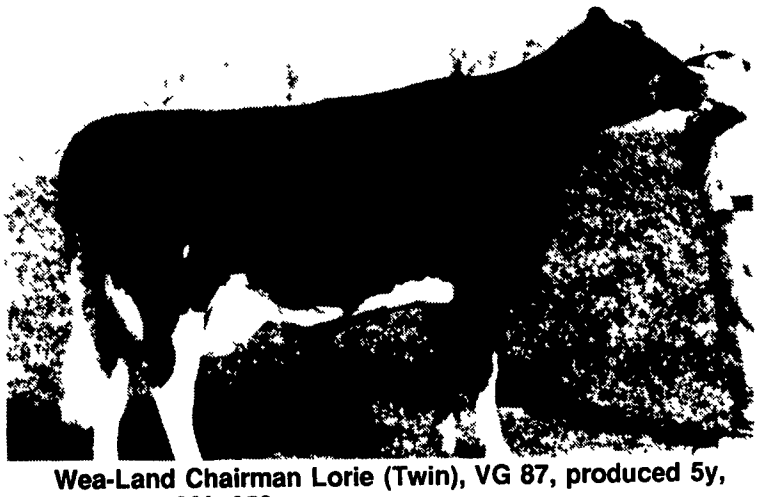
"For the Holstein breed, I think it's an unfair way, if you want to prove bulls. If a guy has an interest in a bull, he can give BST to all the bull's daughters and not the herdmates," Herb said. "Several pounds of milk per day doesn't sound like much, but it can make a big difference on the bull's proof.

"Commercial dairymen may like to use it more because they are striving to just get milk out of the cow. The breeder is more interested in longivity. He wants the cow to last a long time."

The Weavers farm 200 acres, some of it rented alfalfa ground. Their 75 cows have a rolling herd average of 21,000m 811f 695f. The latest classification shows, 2 EX, 16 VG, 37 GP, and 10 G. They flush about five cows each year for embryo work. Last month one cow that was flushed gave them 16 good embryos. They consign animals to promotional sales, have an agreement with Stonehurst Farms at Strasburg and last April sold a red cow in New York for $6,600.



Linquenda Rotate Natlie, EX90, 30,000m, 1200f, was recently flushed and 16 embryos were recovered for transplant work.



Wea-Land Chairman Lorie (Twin), VG 87, produced 5y, 27,000m, 1100f, 950p.

The secret for high production is to do all the little things right.

"You need to have genetics," Landis said. "But then you need management too. It seems like everything together makes the cow milk."

The Wea-Land cows have a total mixed ration in front of them at all times and a top dressing is given three times per day. Forage samples are pulled several times each month to keep exact information available for feed ingredient needs.

Heifer management is called "the most important step on the farm". Because you save money and because the first-calf heifers seem to milk better, they are bred to freshen when they are 24 months

(Turn to Page A27)

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National Young Cooperators Hold Dairy Summit

EVA MARTIN
Maryland Correspondent

SAN DIEGO, CA. — The 74th annual Young Cooperators Leadership Conference was held at the Dairy Summit of the National Milk Producers Federation last week in San Diego.

Elmer Paper, YC Leadership Committee Chairman and a director from Swiss Valley Dairies, welcomed the more than 150 Young Cooperators from all over the country. "This is the land of opportunity," he said, "to make new dairy friends, to see the process of dairy policy development in the making, to share farm know how and to have fun."

NMPF Chief Executive Officer, Jim Barr, challenged the YC's to learn cooperative principles, "so when we get another hite at the farm bill apple, we'll be ready".

When NMPF President, Tom Camerlo welcomed the young producers, he said, "I see the future of the dairy industry in this room". He told the YC's, "leadership must pass from generation to generation in order to survive." The need to become as involved and prepared as possible for these leadership positions is why the YC program of the NMPF is so important.

"There's always opportunity in tough times," Camerlo said, "I think we are facing some real opportunities in the coming couple of years. You are the elite, the cream of the crop. It will be up to you to lead this dairy industry through the 1990s and beyond."

Nine couples and a single dairywoman were selected by their peers at the YC caucuses to comprise the 1991 National YC Advisory Council. They will help plan the YC program for the 75th Dairy Summit to be held in Orlanda, Florida in 1991. David and Robbin Martin, Manheim, Pa., representing Atlantic Dairy Cooperative; Roxanne Gabel, Newport, Pa., representing Eastern Milk Producers, and Ralph and Terrie Shank, Hagerstown, Md., representing MD and VA Milk Producers Cooperative were among those chosen.

Former Secretary Of Agriculture Keynote Speaker

Bob Bergland, CEO of the National Rural Electric Coop. Assn., was the keynote speaker for the YC Showcase Luncheon. The luncheon was held at the San Diego Convention Center adjacent to the hotel. The Convention Center is an architectural wonder with its unique roof and nautical ceiling design — a Teflon-coated permanent tent-like structure that resembles sails.

Senator Patrick Leahy, chairman of Senate Committee on Agriculture.

Elected to the young cooperator advisory committee at the NMPF convention were (back) left to right, Roxanne Gabel, Newport, and Ralph and Terrie Shank, Hagerstown, Md. In front, are David and Robbin Martin, Manheim.

Changing times and changing values have changed attitudes about cooperatives. Bergland related his earliest recollections of the importance of cooperation to his family in northern Minnesota. In 1936, his father was instrumental in a co-op to get forty families to pay $5.00 each to bring electricity the five miles to their rural community. He told of his mother's "tears of joy" the day electricity arrived, changing their lives forever — a chance to break the bonds of poverty.

"The role of cooperatives in our society is quite clear," he said. "We have to develop good service to maintain support from a membership that doesn't remember the day the co-op was organized and who hasn't operated his or her business in a community without a co-op being there."

Bergland warned the assembled dairy co-op leaders of the inherent dangers of disunity. "If dairy families, like electric families, like any other segment of society, choose to "disorganize", I can tell you the consequences will be too awful to contemplate!"

Markets are run by fad, by fear, by war. Markets are as unsettled and dangerous as the world itself. The effectiveness of cooperatives is in the ability to think together by developing consenses policy and then carrying the message to your lawmakers.

Cooperatives are affected, touched and driven by things we can not control. You're out numbered under the law of large numbers, but in a democracy, that doesn't mean that you are lost. The majority rules, but isn't always right.

You're not going to buy from someone you don't like, or has mistreated you or your spouse. "Cooperatives must provide exceptional service and must be involved in political action in order to survive the world's changes," stated Bergland, former Secretary of Agriculture to the Carter Administration. "I don't believe you have to put yourself under the control of anybody. I think you can control your own destiny if you will. That's where the role of cooperatives comes in," concluded Bergland.

Another speaker at the Summit was U.S. Senator Patrick J. Leahy. Leahy is Chairman of the Senate Committee on Agriculture, Nutrition and Forestry where he has a vital role in legislative matters affecting dairy farmers.

"The fundamental decision the dairy industry must decide is whether it wants stability or growth as Congress wrestles with future dairy policy- we can not have both," Leahy said. "Do you want controls on production, someone telling you how much milk to produce, but with price stability?" he asked. "Or do you want to decide on your own how many cows you will milk and have price instability?"

If you choose stability, there is a cost. It would keep the current number of farmers in business, but you probably will not be able to grow. You will no longer be looking to improve your efficiency or modernize.

If you choose growth, how much is it worth? The recent rise and fall of dairy prices in response to supply and demand have proven that markets work. But, when a market works, there is uncertainty Leahy admitted, pointing to the fact of the past year record high and low prices for milk.

Senator Leahy made it clear to the audience that the dairy industry is at a crossroads as the demands of the federal budget deficit dictate the government can no longer afford to run an effective dairy price support program.

"We are in a budget crisis- the United States is running in the red to the tune of 250 billion or more per year. We've just come through ten years of buying prosperity," the Vermont Senator stated. Everything is on credit cards for someone else to pay. "It is now due!"

Leahy discussed the 1990 Farm Bill at length, noting that Congress was able to stop the Administration's price cutting policy and avert its efforts to keep some sort of supply management program out of the legislation. A support price floor of $10.10 is contained in the five year bill as is a mandate that the Administration develop some sort of supply management program. The Senator stressed that in the final analysis, though many in the industry may disagree, dairy farmers were fortunate that the Farm Bill did not contain any further price cuts.

When the Budget Summit began, the Democrats proposed a cut of 7 billion in agriculture spending. The Administration asked for 24 billion in cuts. In the end, a 13.6 billion reduction in agriculture spending was required-a 24% cut.

Leahy says, "When we set about the very difficult budget task, we kept one principle in mind, every commodity should share the burden".

Corn, wheat, cotton, rice, sorghum, barley, oats, all took a hit through triple base. A producer who received payments on 100 acres this year will only receive payments on 85 acres next year, a 15% reduction. In addition, changes for the 1994 and 1995 crops of wheat and feed grains will take almost a billion dollars out of those commodities.

Sugar, peanuts and tobacco will put market service fees or assessments on the table to help to reduce the deficit.

Dairy is expected to put up five cents per hundred weight this year and 11¼ cents per hundred weight for 1992-1995. This should generate 700 million over the next five years.

With the $10.10 freeze, the cost of the dairy program over the next five years is likely to be about $4 billion-almost $1.9 billion more than a continuation of the 1985 farm bill would have cost.

The Senate Ag Committee Chairman also commented that, in his opinion, the General Agreement of Tariffs and Trade (GATT) will not progress very far because the European Community will not change its bargaining position. That position is bad for U.S. Agriculture, including dairy, he said. Emphasizing the view of many of the speakers at the NMPF meeting, Leahy observed that no agreement is better than a bad agreement and promised that he will oppose any attempt to sacrifice Section 22 import protection without the U.S. receiving something of equal value in return.

The Senator concluded his remarks by challenging the U.S. dairy industry to take an active role in determining their destiny, not only for the short run, but also for the future. "The ball is in your court. I cannot urge you enough to accept this challenge. Only you can answer the question about stability or growth."

Senator Charles Stenholm, Chairman of the House Agriculture Subcommittee on Livestock, Dairy and Poultry to address (NMPF) on "Dairy Policy in the 1990's."

"Grow or decay, there is no such thing as stability in any industry", Stenholm began. He urged the dairy leaders to choose an option that would promote the growth of the industry to serve the needs of our domestic and world market for dairy products. Agriculture is the foundation of our country.

"I, assuredly, do not like everything in the 1990 Farm Bill dairy title and would have written several provisions differently, and perhaps better," Stenholm commented. "But, in the end, I view it as a respectable work product that balances many sensitive, often divergent interests, and that does chart a course for the future."

The new farm bill is about the future, and the future means change. "The 1990 Farm Bill should help American farmers adjust to a rapidly changing world, and make those changes work to their advantage," he said. The bill contains key provisions which should help the industry set a course through the hazards and shifting influences that have emerged. These include:

* The federal budget process and the continuing need to reduce the cost of farm programs, including dairy. A major accomplishment was establishing a new budget baseline for the dairy program.

* The GATT negotiations and the emerging realization that regardless of what happens with GATT, the international marketplace will play an increasing role in the profitability of U.S. dairy farmers. (Previously at the meeting, Sen. Patrick Leahy and Reps. Kida de la Garza and Harold Volkmer commented that "no GATT agreement is better than an agreement that's bad for agriculture." Stenholm differed by saying, "No agreement will be bad for agriculture.")

* Changing consumer attitudes about the food they eat and competition from other food products.

One aspect of the bill remains unresolved-the type of supply

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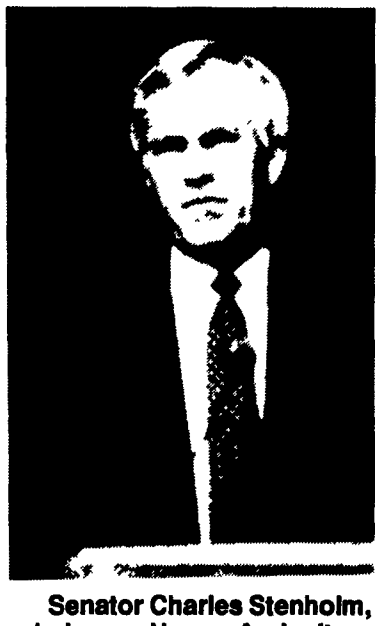

Senator Charles Stenholm, chairman, House Agriculture Subcommittee on Livestock, Dairy and Poultry.

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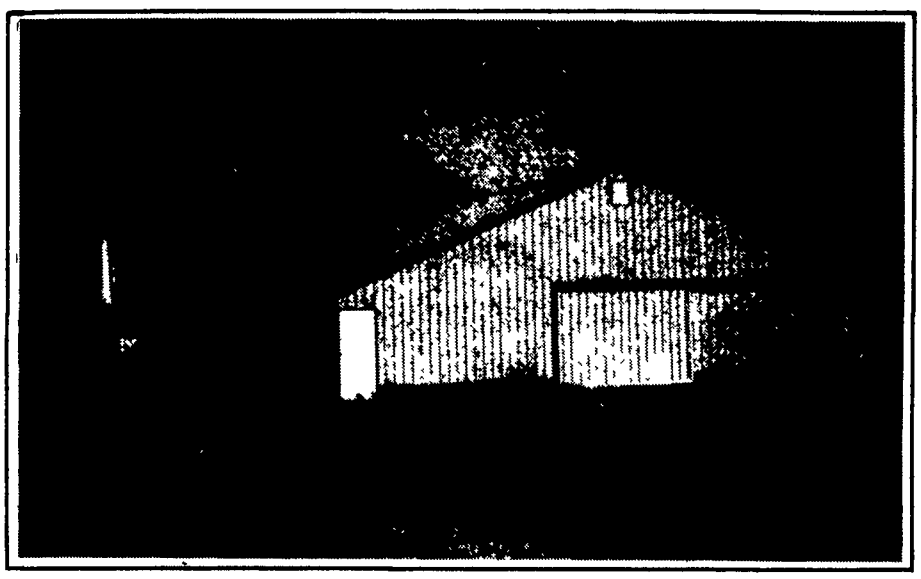
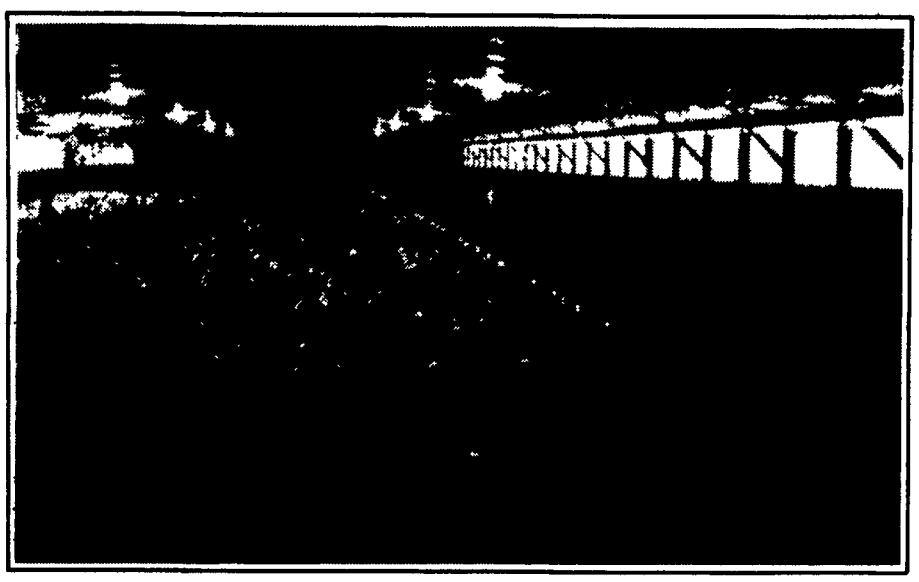


Exterior View



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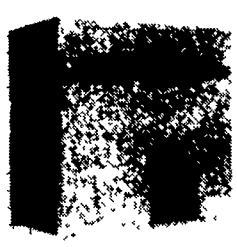
- 
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York Extension Honors Hess Family

(Continued from Page A1)

the Hess farm.

Charles has served on the extension board as a director and president. He is a director and past chairman of the York Conservation District. He has been actively involved with the Pennsylvania Master Corn Growers, Farmers Forum, state and national Plowmen's Associations, and the Flying Farmers.

The couple has three children. Their eldest, Brad, farms with his parents on the Hess Family's 85-milking head, 260-acre dairy operation.

Master Gardener certificates were presented to 13 volunteers who have given a minimum of 50 hours each to leadership and educational programs in the area of horticulture. Master Gardener recipients were Jean Bailey, Hanover, Merle Baughman, Seven Valleys, Anne Crist, Airville, Bill Georgantis, York, Janet Grelli, Delta, and Barbara McNally, Delta. Also, Dorothy Mummert, York, Phyllis Mundahl, Diane Owen-Garber, York, David Sharpe, York, Virginia Strausbaugh, York, Ned Weissenrieder, Red Lion, and Kathe Zalman, former Yorker now residing in Florida.

Major projects undertaken by the "class" of gardening volunteers included a countywide backyard composting program, introducing classes of fourth graders to plant science, and presenting dozens of related programs to both young and adult groups.

Extension agent John Rowehl, agronomy specialist, was honored for five years with the York extension service. Eight countians were elected to the extension board. Elected for three-year terms are Tom Brandt, Charles Drawbaugh, Brenda Eisenhour, William Holloway, Douglas Kilgore, Theresa Pomraning, Kyle Rigby and George Trout.

Dr. Lowell Satterlee, professor and department head of food science at Penn State University, spoke on Pennsylvania's large and economically-vital food processing industry. Using slides and examples, Dr. Satterlee addressed the importance of food processors locating close to farm-produced raw materials and to the consumer markets as well.

"Pennsylvania is the California of the East," he told the extension audience, since it is comparable on the east coast in both volume and variety of foods produced. More than 2300 food processors, large and small, operate in the commonwealth, making it one of Pennsylvania's top five employment industries.

Major food processors in the state include those for fluid milk and dairy products, milk chocolate, cheese, baked goods, meats, apple and grape products. Penn State strives to serve the food processing industry, says Dr. Satterlee, by working with processors on research and development of innovative products and technology.

One success example cited by the professor is the growth of aquaculture in Pennsylvania, the production of fish to help meet growing consumer demand. Penn State researchers helped develop fish foods from a poultry industry by-product, cracked eggs, for the production of tilapia fish.

Dr. Satterlee says challenges facing the food processing industry include growing concern over solid waste disposal, diminishing water supplies, availability of a trained labor supply, and increasing food health and safety inspection regulations.

Master gardeners honored by the York extension service are, front from left, Janet Grelli, Virginia Strausbaugh, Dorothy Mummert, David Sharpe, and rear from left, Anne Crist, Bill Georgantis, Ned Weissenrieder, and Merle Baughman.

Shirley and Charles Hess, center, were selected the Outstanding Extension Involvement honorees for 1990. Making the presentation was extension president Kyle Rigby, right, and York County extension director Tony Dobrosky.

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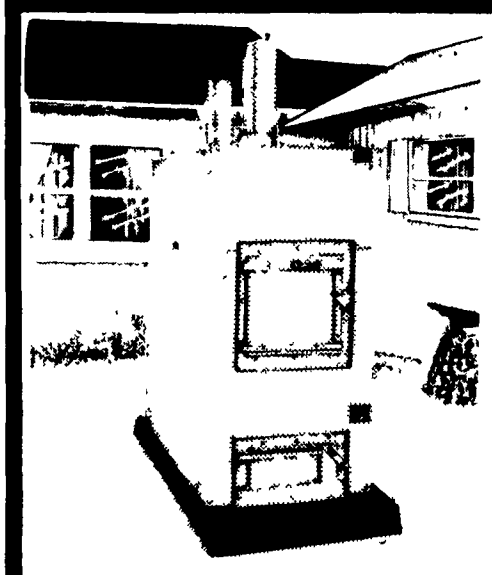

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Weaver Brothers

(Continued from Page A33)

old. And while the heifers are bred with genetics to milk well, they are not culled because of production after only one lactation.

"We have decided to be satisfied with a two-year-old that only milks 18,000 lbs." Landis said. "We had some experience where some two-year-olds wanted to milk but could not take in enough feed to also grow at the same time. Then they didn't do any better the second lactation. So for a young cow, our greatest concern is the type on the legs, feet and udders. We don't cull first calf heifers as long as they are functionally sound."

The Weavers have started to breed the red factor into their herd.

"A lot of foreign countries are big on red," Herb said. "The same black and white cow will be worth 40 percent more if she is red and white. We don't want to sacrifice genetics, but if we can get the same genetics, we will breed for the red factor. We have several cows that should have red calves.

"It puts a little color in your barn and in addition, it's just interesting how it works when you have a black and white bull and a black and white cow and you get a red and white calf."

The Weaver brothers say the suddenly lower milk prices have put the "scare" into dairying right now. But they still want to be in the business ten years from now. And with their good sense about debt, their good herd management, the great genetic background in their herd, their good attitudes about life, and their strong family support, Landis and Herb Weaver have all the ingredients for a great future in the Registered Holstein business.

Dairylea Commends Decision To Lift Interstate Barriers

SYRACUSE, NY — As the result of a complaint filed against the state of Connecticut by Dairylea Cooperative Inc. more than two years ago, Connecticut announced it is amending its milk laws to remove barriers to the sale of New York-produced milk in that state.

"We are extremely pleased by the outcome of this matter," said Clyde E. Rutherford, president of Dairylea. "The New York State Attorney General's Office and the New York State Department of Agriculture and Markets have worked diligently on behalf of New York dairy farmers to ease restrictions on the flow of milk into Connecticut."

In filing the 1988 complaint with the Department of Agriculture and Markets, Dairylea charged that both Connecticut and Massachusetts had in place unfair regulatory practices that hindered the marketing of milk produced in New York. The complaint centered around regulations that prohibit New York dairy farmers from selling milk in either of the two states unless their farms pass inspections by Connecticut or Massachusetts officials, even though the farms are fully inspected by New York officials.

New York and 46 other states do not impose similar restrictions on the sale of milk because they honor inspections performed by officials in the farmer's own state.

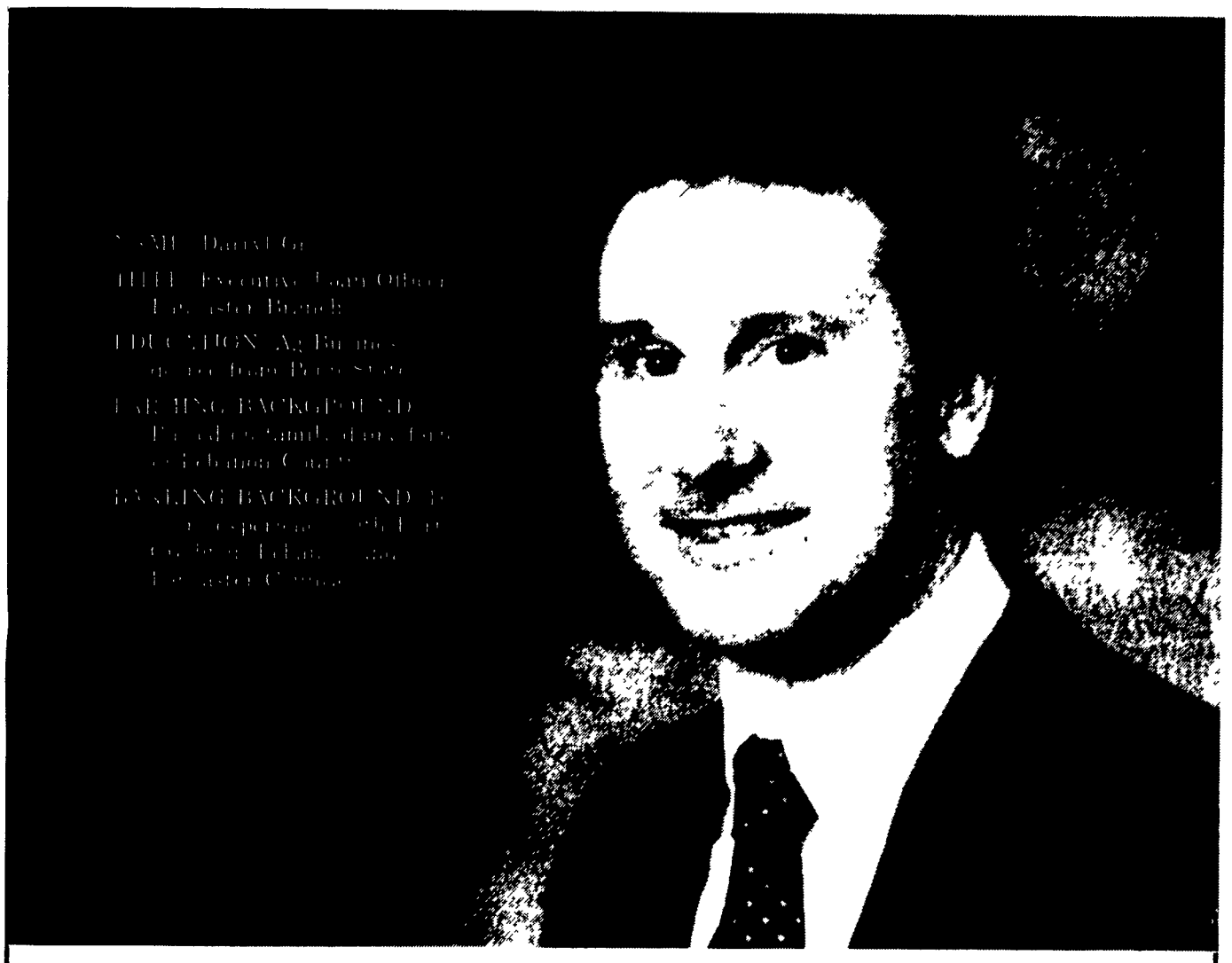
"Complying with these regulations was not only burdensome to our members, but also represented a significant cost to Dairylea in terms of field personnel time and test expenses," explained Rutherford.

Over the past few years, Dairylea's delegate body has passed resolutions at its annual meeting pertaining to milk marketing reciprocity and encouraging the cooperative to pursue actions against those states that do not practice reciprocity.

"Our members voiced their concern over these additional inspections and expenses, and we began exploring channels for alleviating the problem. Dairylea believes that a cooperative has the responsibility to be a strong and effective voice for its members," Rutherford commented.

While the matter has been resolved with Connecticut, Rutherford said that Dairylea is hopeful that a similar agreement can be reached with Massachusetts.

Dairylea, a Syracuse-based dairy cooperative with 2,300 farmer members throughout the Northeast, participates in a milk marketing network stretching from Maine to Maryland to Ohio.



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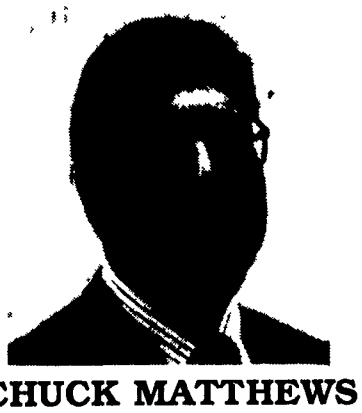

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SMOKETOWN (Lancaster Co.) — Lancaster County's Red Rose Dairy Herd Improvement Association (DHIA) is 50 years old and continues to show growth, officials said Tuesday during the group's annual banquet.

Statistics from DHIA show that while the number of cows in Lancaster County dropped by 6,000 from 1989, at the same time the number of cows on test increased by 2,000.

Statewide statistics show a similar trend — the number of cows decreased while the number of cows on test increased by 5,200.

Officials said part of the reason for that is the services offered by Pa.DHIA, but also the human element that goes along with it.

Lancaster County's DHIA manager Jay Mylin received the top award in the state for a member — the Superior Service Award — and was also recognized for his 20 years of service.

Also part of the exceptional group that forms the Red Rose program is new member Deborah Ebersole. She was presented the Rookie of the Year Award, also a statewide honor.

About 400 people attended the banquet, held at Good 'N Plenty Restaurant. Clifford Blank, president of the association, reported that "Everything is running smoothly.

"We have very little agenda at most meetings and very few reports of any problems and we are staying in line with costs. We to hope to hold the line on costs," Blank said.

He said that the next goal for the Red Rose DHIA is to find out what the effect of the proposed re-organization of the Pennsylvania DHIA will have on Red Rose. The re-organization — the combining of all county services under one state agency — is to take effect in coming months.

Blank also reported that the county has 1,119 herds on test, as of September. He said that number of herds represents an increase of 25 herds on test in Lancaster County since September 1989.

Of those herds on test, 233 are on twice-daily tests, 422 are on the AM-PM test program and 464 are on owner-sampler testing.

Blank commended the work of the county DHIA supervisors and also urged each member present to talk to neighbors and to get others to put their herds on test.

County agent Glenn Shirk lauded the merits of testing, especially with milk prices dropping drastically.

"As we look ahead to a tightening of belts, many of you will say, 'Do I need this (DHIA testing)? Can I afford this?'

"I say you can't afford to not have it," Shirk said, adding that DHIA testing is one of the most valuable management tools available and the lack of proper management is especially significant when budgets are tight.

Norman Hershey, a state director for Lancaster County who serves on the Pa.DHIA finance committee, said that as of Jan. 1, the DHIA membership rate is to increase to about 8 cents a cow on test.

According to Hershey, 1 cent has been added to cover additional costs for sample pickup; 2 cents to build up state reserves; 1 cent for a future building fund; and the remaining 4 cents to reflect general increases in maintenance and labor.

Also announced during the meeting were the results of an election of directors for the county.

Relected to director were John Howard in Association No.8 and P. Robert Wenger in Association No.5.

New directors are Larry Aaron in Association No.11; Kenneth Miller in Association No.2; Joseph Graybeal in Association No.14; and John P. Lapp in Association No.9.

In other business, Nelson Kreider received the district-level Distinguished Service Award.

Other Years of Service Awards went to J. Wilbur Houser, with 35 years service and Jay M. Risser with 35 years of service.

Red Rose Performance Awards were presented to 10 supervisors who were judged to have done outstanding jobs during the past year. Those receiving performance awards were Rebecca Hershey, J. Wilbur Houser, Patti Johnson, Nelson Kreider, James Lehman, Harold Probst, Joan Probst, Harold Lindecamp, Jay Risser, Maurice Welk.

In production awards, protein production was valued above all else during the past year, a change from butterfat emphasis, to reflect market trends.

The top protein herd in Lancaster County is owned by Robert and Linda Sensenig. Their herd produced an average 22,981 pounds of milk and 753 pounds of protein.

The award for the top Holstein herd in Lancaster County went to Weaver Homestead, of New Holland, whose herd averaged 24,692 pounds of milk and 739 pounds of protein.

The award for the top Brown Swiss herd in the county went to Richard Wenger, Manheim, whose herd averaged 17,185 pounds of milk and 591 pounds of protein.

The top Jersey herd in the county is owned by Robert Ulrich Jr., of Quarryville, with an average milk production of 14,187 pounds of milk and 551 pounds of protein.

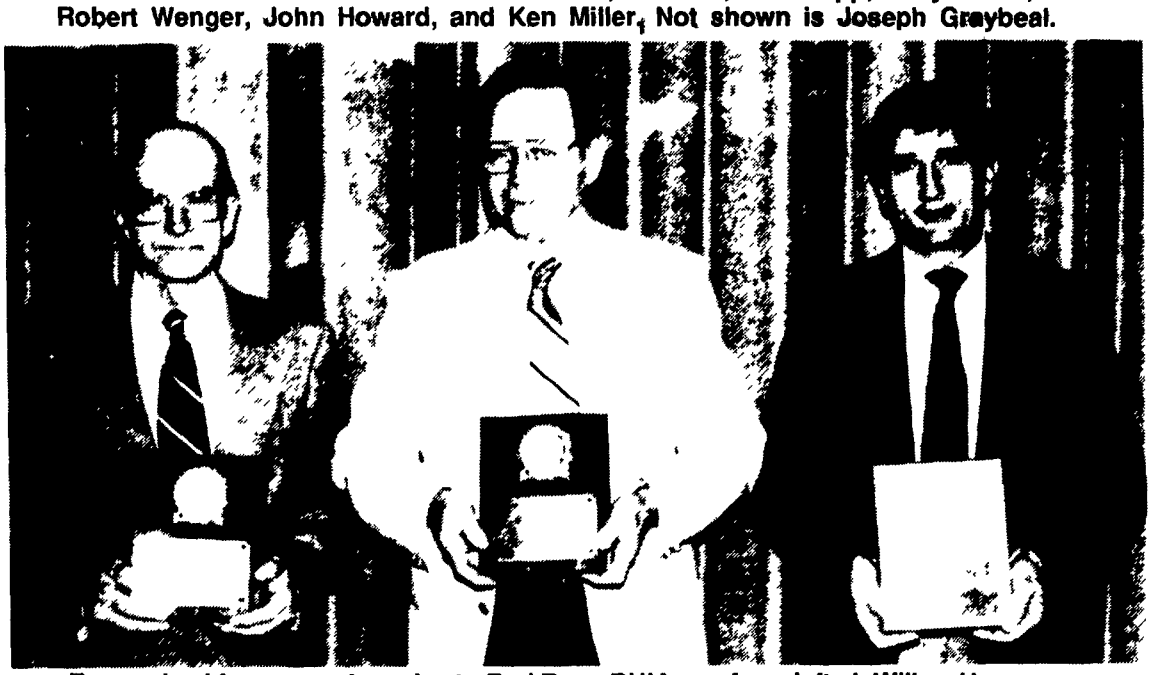
Warren A. Schmuck, of Peach Bottom, took home a production award for having the top Ayrshire herd in the county. Schmuck's herd showed a rolling average of 14,939 pounds of milk and 507 pounds of protein.

Axel Linde and Mildred Widmann, of Kirkwood, received an award for having the top producing Guernsey herd on test. The rolling herd average was 16,554 pounds of milk and 578 pounds of protein.

Others recognized for having herds with a rolling herd average of 700 or more pounds of protein were John Howard, Willowstreet; Weaver Homestead Farm, New Holland; John Coleman Jr., Ronks; Spring Belle Farm, Lancaster; Elmer High, Lititz; Robert and Karen Gochenaur, Lancaster; Ammon Reiff, Lititz; and Mahlon King, Gap.

Those Red Rose DHIA supervisors receiving special awards are, from left front, Nelson Kreider, Wilbur Houser and Rebecca Hershey. From the left in the back row are Harold Probst, Joan Probst, James Lehman and Jay Risser. Not shown are Patti Johnson, Harold Lindecamp and Maurice Welk.

Elected directors of the Red Rose DHIA are, from left, John Lapp, Larry Aaron, P. Robert Wenger, John Howard, and Ken Miller. Not shown is Joseph Graybeal.



Recognized for years of service to Red Rose DHIA are, from left, J. Wilbur Houser with 35 years; Jay Risser with 25 years; and Jay Mylin with 20 years.

Receiving Red Rose DHIA herd production awards are, from left, Warren Schmuck, Ayrshire; Richard Wenger, Brown Swiss; Mildred Linde, Guernsey; and Weaver Homestead, Holstein. Not shown are Robert Ulrich, Jersey; and Robert and Linda Sensenig, whose herd had the top protein production.

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Warren DHIA Meets

(Continued from Page A21)

The top protein herds with average production were: Floyd Beardsley 675; Maple Place Farm 665; Richard Harrington 661; Gla-Don Farms 645; Barry Van Ord 638; Twin States Farm Inc. 629; Gary Stoddard 620; Raymond Lawson 614; Doug & Diane Hastings 609; Jeff Lindell 606; and Willard Hitchcock Farm 600.

High Herds in butterfat production with average were: Floyd Beardsley 788; Maple Place Farm 744; Richard Harrington 751; Gla-Don Farms 734; Barry Van Ord 704; Twin States Farm Inc. 740; Gary Stoddard 703; and Edge Grove Farm 704.

Several Warren County 4-H youth were honored at the annual meeting.

Julie Stoddard of Sugar Grove was selected as the Distinguished Junior Holstein Club winner. Runnerup was Paula Brown of Lottsville.

The 4-H dairy judging team was recognized for its accomplishments at state and regional events. Team members were Tim Ludwick, Belmer Hitchcock, Ron Riedel, and Ryan Riedel. Also recognized for their dairy judging participation were Sarah Donaldson, Mandy Hitchcock, Kristen Hitchcock, Candy Hitchcock, and Travis Hitchcock.

Junior dairy show winners from this year's Warren County Fair were presented tote bags courtesy of the Warren County Holstein Club. The winners included: Chris Vanco, Tom Brown, Ron Riedel, Tim Ludwick, Ryan Riedel, Belmer Hitchcock, Jared Lindell, Matthew Wilcox, Travis Hitchcock, and Melissa Wilcox.

From the left, Wayne Gruber presents an award to Jim Cowden of Gladon Farms for having the highest producing cow for protein and butterfat in Warren County.

Program Provides Low-Interest Loans

HARRISBURG (Dauphin Co.) — Farmers interested in obtaining a loan through the state's Agricultural Technology Loan Program should be award that the application deadline is December 31, according to Senator Noah Wenger (R-36).

Wenger said the program provides low-interest loans to farmers who want to invest in new technology, but are unable to get credit at reasonable rates elsewhere without a matching loan.

The program guidelines are fairly general, but money must be used to improve productivity or develop new markets. For example, projects funded in the last round of grants included the purchase of computerized feeding equipment and new irrigation equipment.

The senator added that loans of up to $50,000 are available for terms of no more than seven years.

Interested farmers should contact Christian Herr at the state Department of Agriculture's Bureau of Agricultural Development. The telephone number is (717) 783-8460.

Health Hazards Seminar

NEWARK, Del. — Farming is still one of this country's most hazardous occupations says Ron Jester, University of Delaware Cooperative Extension safety specialist.

The Extension systems of the Universities of Delaware and Maryland, local agribusiness and the American Lung Association of Maryland have scheduled an agricultural health hazards program for the farm community. Slated for Thursday, December 13, from 9 a.m. to 2:45 p.m., the program will be held at the 4-H park in Williston, Md.

Topics to be covered include respiratory hazards on the farm, traumatic farm injuries, an update on protective equipment, how to react in a medical emergency and skin cancer prevention and protection. Attendees also will have the opportunity to visit exhibits of farm safety equipment.

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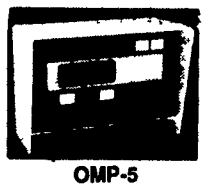
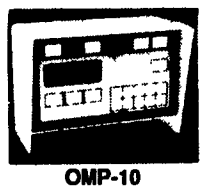


OMP-5



OMP-10

- Universal/animal scale Platform scales
- Bins, hoppers and other storage facilities
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- Cattle feeding mixers
- Insulated batch weighing

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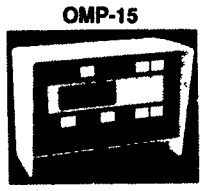
OMP-15



- Platform and universal/animal scales
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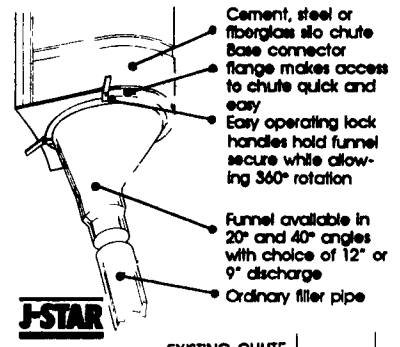
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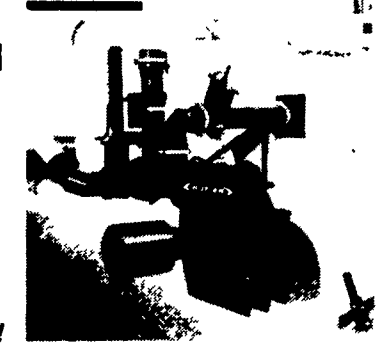

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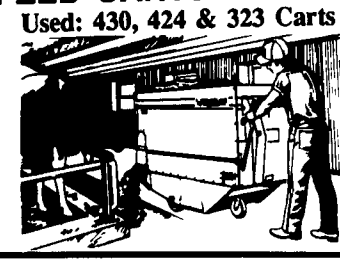

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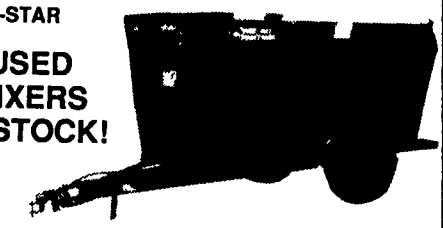

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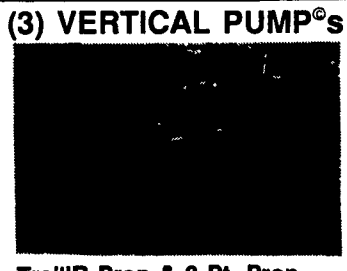

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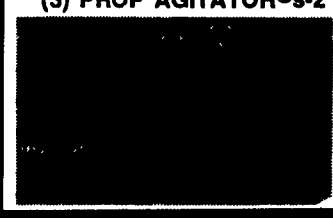

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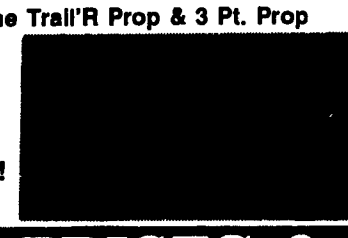

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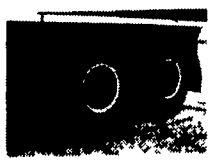

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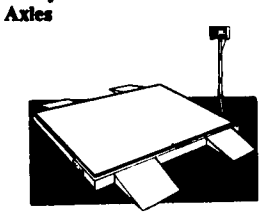

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Leading Dairy Farmers

(Continued from Page A1)

Continued budget cuts were the center of the farm bill battle. "We faced a very difficult struggle against a program of three additional price cuts that would have lowered the support price to $8.60 by 1993. The advocates of that approach were in the driver's seat," Barr commented, "but we fought hard to make sure we changed it." The dairy program got $2 billion more over the next five years than the budget people wanted to allot. By stopping further price cuts, and establishing a $10.10 floor, dairy farmers have some measure of protection in the future.

This is a short term battle won. Now is the time to consider new approaches to provide support to our industry. Camerlo said, "We know our weaknesses; when we are divided we don't have much strength. But it is time to re-learn our strength: what we can achieve when we are working together in unison, in harmony."

E (Kika) De La Garzar, U.S Representative, chairman of the house agricultural committee.

Again next year, the dairy industry will offer input to USDA to study dairy program alternatives that could deal with milk surpluses above seven billion pounds.

Barr suggested that Congress could choose from one of three paths to follow - Congress could do nothing, it could adopt some major changes supported by a small part of the industry, or it could agree on program changes advocated by the Milk Producers Federation members.

"We can work through whatever differences we face within the industry and present an agreed upon plan to Congress. It has to be an approach that has minimal impact on the budget. It also has to be an approach that we will truly support, in action as well as word," Camerlo urged. "We must ask our friends in Congress to fight for us, just as they ask us to fight for them," said Camerlo.

"Our goal has to be to build a better organization, to enhance the Federation's ability to improve the economic well-being of dairy farmes and our cooperatives. From that goal, we must not retreat," concluded Camerlo.

Representative E (Kika) De La Garza, Chairman of the House Agriculture Committee said most of us want a balanced budget, "but we say, don't begin with me, balance it in the other person's backyard."

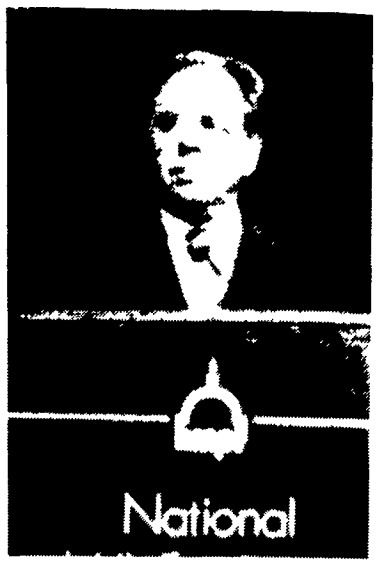
Commenting on the dairy provisions of the new 1990 Farm Bill, De La Garza said, "I hate assessments. But sometimes, they're the only way to go. Budget pressures force us to choose them." He believes the door is open to adopt an effective supply-management program to enable dairy farmers to avoid a third assessment mandated in the new Farm Bill if CCC purchases are estimated to exceed seven billion pounds and new legislation is not enacted by 1992.

"Politics is the art of the possible. Everything is possible at some point in time."

"We might be losing the editorial wars, but we're winning the battles on the floor of Congress," stated de la Garza, a member of the House Agriculture Committee since 1965 and its Chairman since 1991. He noted the growing margins by which the last three Farm Bills were passed. "We've estab-

(Turn to Page A31)

James Barr, CEO, NMPF



NMPF President, Tom Camerlo, Jr.

At the NMPF annual meeting in San Diego last week are, left to right, Fred Butler, president, Maryland division of Dairymen, Inc.; and directors of NMPF, Gene Kilby, Peach Bottom; David Patrick, Woodbine, MD; and Harold Martin, Oxford.

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Leading Dairy Farmers

(Continued from Page A30)

lished credibility and strengthened our ability to convince members of Congress of the right thing to do."

"We need to work harder to educate the consumer that our products are not born in the back room of the supermarket. They don't understand the importance of agriculture to our nation. Our national defense depends on agriculture." De la Garza related the story of his visit on a nuclear powered submarine off the Florida coast to dramatize that a healthy agriculture is essential to America's national defense. After helping commandeer the sub, he asked the captain how long it could stay submerged. The sub commander responded, "As long as we have food for the crew!"

Americans should never lose sight of the fact that they are the best fed people in the history of the world, spending the least amount of disposable income for food.

De la Garza stressed that the House Agriculture Committee is keeping a close eye on the General Agreement on Tariffs and Trade (GATT) talks. "We didn't go through the pain and agony of writing the Farm Bill to give it all away overseas." He will be part of a Congressional delegation going to Brussels this week to observe the concluding sessions of the trade negotiations.

He addressed the importance of unity and cooperation. He said it is vital for the various segments of agriculture to work together for mutual benefit and support one another in legislative efforts.

Farm Calendar

(Continued from Page A 10)

Thursday, December 20
Bradford Co. Milking and Mastitis Seminar, Bradford Co. Cooperative Extension Office, 10 a.m.-3 p.m.

Friday, December 21
Winter Begins
Corn Equipment Clinic, Hegins Fire Company Hall, Hegins, 9:30 a.m.-3 p.m.

Saturday, December 22

Sunday, December 23

Monday, December 24

Tuesday, December 25
Merry Christmas!

Wednesday, December 26

Thursday, December 27

Friday, December 28

Saturday, December 29

Happy New Year!

Wednesday, January 2
Penn State area tax meeting, Shadow Brook Dairy Barn, Tunkhannock.

Thursday, January 3
Bradford Co. Christmas Tree Management Short Course, University Park, thru Jan. 4.
Franklin Co. Dairy Day, Kauffman's Community Center.
Lycoming Co. 1991 area income tax meeting, Comfort Inn, New Columbia, 8:30 a.m.-4 p.m., thru Jan. 4.

Friday, January 4
Lycoming Co. 1991 area income tax meeting, Comfort Inn, New Columbia, 8:30 a.m.-4 p.m.

Saturday, January 5
Pennsylvania Farm Show, Farm Show Complex, open for judging only.

Sunday, January 6
Pennsylvania Farm Show, Farm Show Complex, Harrisburg, thru Jan. 11.

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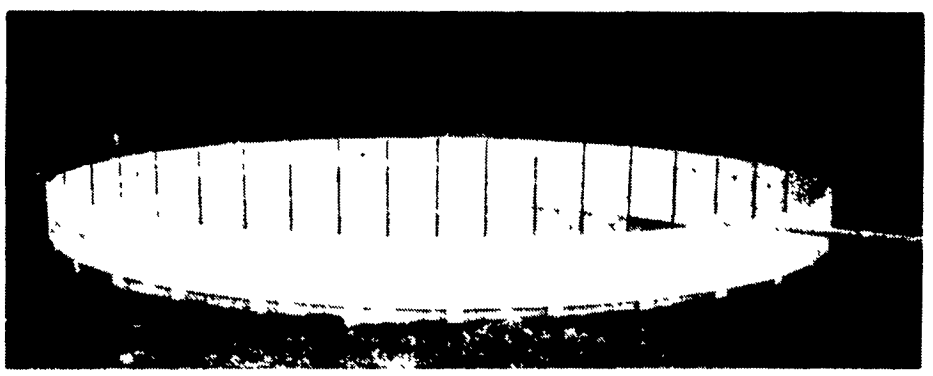

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Tobacco Demand, Prices Up At Paradise Auction

(Continued from Page A1)

$225,249; of the Pennsylvania 41 cigar type, average price paid was $1.32 per pound, for sales of $85,788.

Bales of tobacco were ready to auction off in the sales barn, arriving as early as last Saturday. The barn, which takes up about 30,000 square feet of space, was nearly jammed with tobacco.

Sales will be held every Monday and Wednesday before the Christmas and New Year's holiday, according to Donna Probst, and may move to every Monday and Thursday until mid-February.

More than eight buyers were on hand for the sale, many from the south, including Eastern, from Rocky Mountain, North Carolina and Miller, from Wilson, North Carolina. Buyers also came from Nashville, Tennessee; Petersburg, Virginia; Pennsylvania; Maryland; and Florida.

About 400 growers were on hand at the event, said Probst. Auctioneer for the event was Mitch Ashby of Leasburg, N.C.

The Maryland-type tobacco that Pennsylvania has been producing for the last 10 to 15 years, said Probst, "is a substitute for tobaccos that are produced in the south. And it is used in a blend with tobaccos that come from the south."

Probst said the 609 type is blended, primarily because the south produces about 450 to 500 million pounds more per year of tobacco in the south than in the north.

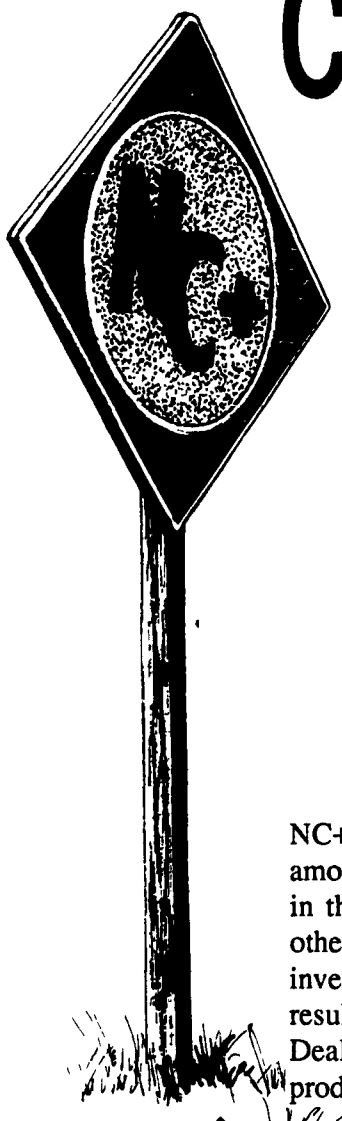
"We still have farmers willing to produce tobacco, which is a high intensive labor crop," he said. "And our farmers generally have large families, produce their labor, and do not have to hire outside labor."

For the last 3 to 4 years, according to Probst, "we've been gaining export value greatly. Export markets haven't always been open to U.S. domestic tobacco. Now, tobacco has a worldwide demand greater than ever."

Donna Probst, of the Paradise Tobacco Auction, tallies up the sales of tobacco after the sale Monday.

About 400 growers were on hand for at the Paradise Sales Barn for the opening of tobacco auction season on Monday. Maryland type 609 tobacco reached a high of $1.62 a pound at the auction.

Mitch Ashby of Leasburg, North Carolina, auctioned off about 305,000 pounds of tobacco at the Paradise Sales Barn on Monday.



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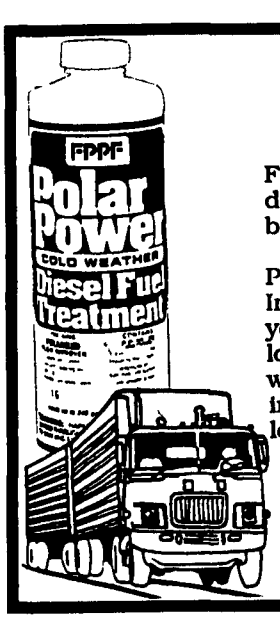

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Wayne County DHIA Votes On Merger

EDWARD D. PRUSS
Wayne Co. Extension Agent

HONESDALE (Wayne Co.)— The 64th Annual Meeting of the Wayne County Dairy Herd Improvement Association (DHIA) was held recently at the Fireside Restaurant with approximately 100 people in attendance.

One of the highlights of this meeting was the announcement and presentation of awards for the 1989-1990 Wayne County DHIA testing year.

High herd award for milk, butterfat and protein production went to Kevin and Gerarda Burleigh, R.D. 1 Pleasant Mount. The herd of 46 Registered Holsteins produced an average of 21,584 pounds of milk, 779 pounds of butterfat and 700 pounds of protein per cow for the 1989-1990 testing year.

Other herds that averaged 750 pounds of butterfat and/or 650 pounds or more of protein were:

• Charles P. Dennis Jr., Honesdale - 54 registered and grade Holsteins that produced an average of 20,709 pounds of milk, 762 pounds of butterfat and 686 pounds of protein per cow.

• Rowe Brothers, Honesdale - 97 Registered Holsteins that produced an average of 18,603 pounds of milk, 766 pounds of butterfat and 593 pounds of protein per cow.

Other production awards included:

High Cow for Milk Production- "Edith", 29,345 pounds of milk, owned by Paul Harrison and Sons, Moscow.

High Cow for Butterfat Production- "Venus", 1,065 pounds of butterfat, owned by Rowe Brothers, Honesdale.

High Cow for Protein Production - "Audrey", 960 pounds of protein, owned by Charles P. Dennis Jr., Honesdale.

High Lifetime Cow for Milk Production - "Terry", 14 lactations, 238,757 pounds of milk, owned by D. Ellis Dix, Pleasant Mount.

High Lifetime Cow for Butterfat Production - "Liza", 10 lactations, 9,349 pounds of butterfat, owned by Jericho Dairy, Lake Como.

High Lifetime Cow for Protein Production - "Salina", 9 lactations, 5,403 pounds of protein, owned by Clearfield Farms, Honesdale.

High Quality Milk Award - James Slocum, Susquehanna, with

(Turn to Page A39)

Standing in the center, Jim Woodmansee Sr., of Jericho Dairy, Lake Como, receives an award for having the cow with the highest lifetime butterfat production among Wayne County DHIA members. Presenting the award are Ellis Dix, left, and Dave Soden.

Jim Wagner receives an award for having the cow with the highest milk production among Wayne County DHIA members. Presenting the award are Ellis Dix, left, and Dave Soden.

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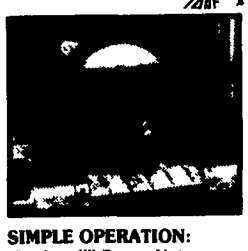
PROVEN DESIGN: Over 45 million birds are already on our feeder worldwide. Also, it was proven in 5 years of on-farm testing before introduction.

EASY ADAPTABILITY: Ours adapts easily to existing cage systems you may already have. Or choose from our wide selection of cage styles.

5-YEAR WARRANTY: Ours gives you a 5-year warranty on auger and trough. Theirs doesn't. In fact, their dealers derive a large percentage of their income from parts sales. Ours don't.

MICROPROCESSOR CONTROL: Our control lets you program feeding time to the second, to match the exact time of one circuit. Control number of feedings, time of each feeding – also 10-second "Stimulation Cycles" between feedings, to minimize separation, and improve your birds' feed intake.



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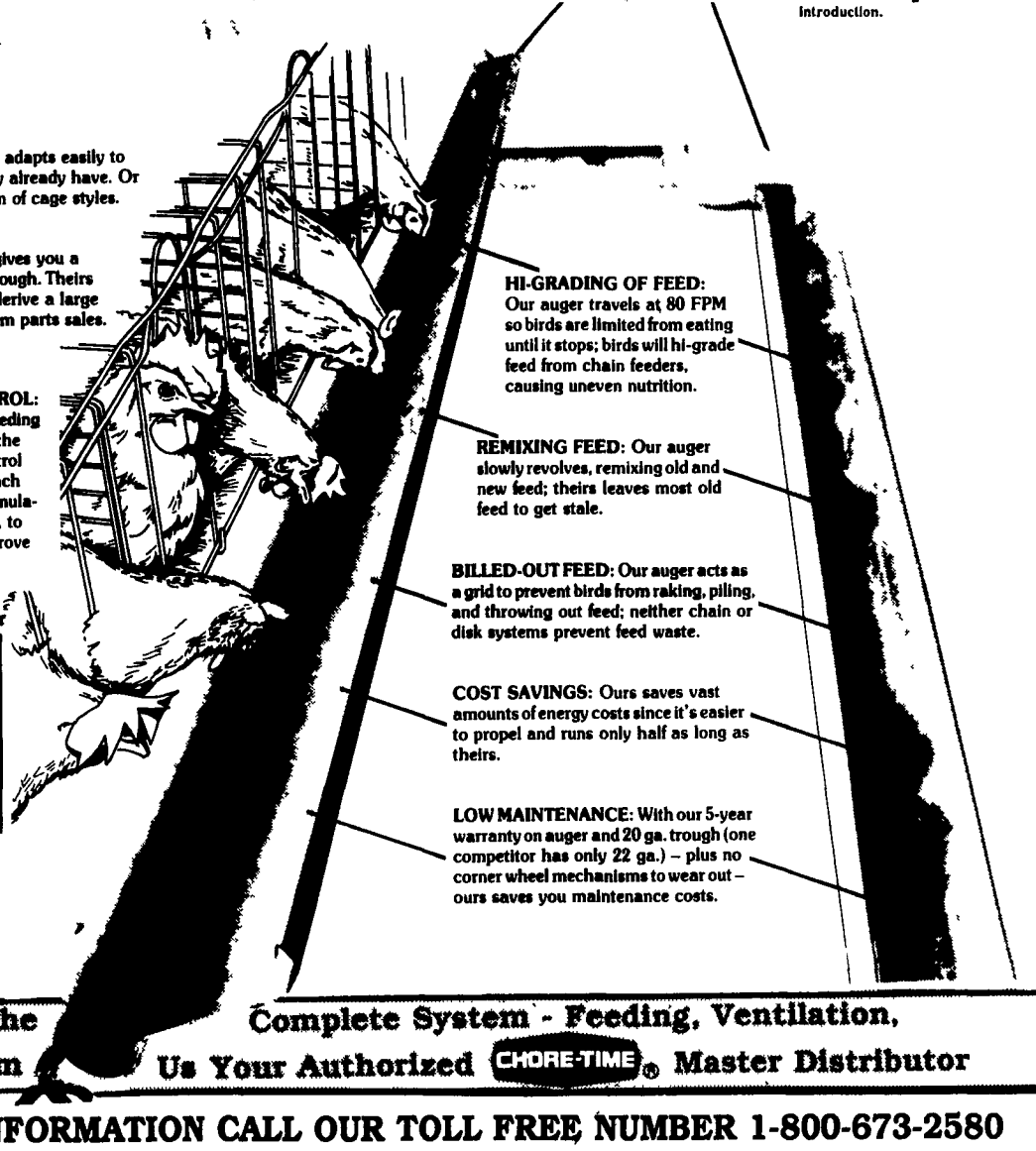

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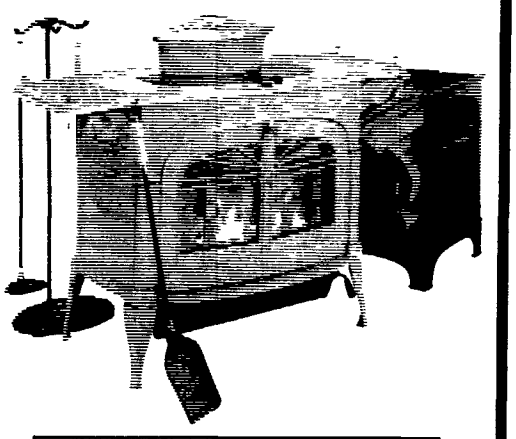

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30 YEARS AGO
THIS WEEK

-Ellis K. Mentzer, New Holland R2, was elected president of the Lancaster County Ayrshire Breeders' Association at their recent meeting.

Other officers elected at the meeting were vice president Florence Mae Flory of Manheim R3; secretary-treasurer, Roy Boutwell, Elizabethtown.

Named to the board of directors for two year terms were Leon Kreider, Quarryville R1, and Kenneth Eshleman, Elizabethtown R1. David Harnish, Quarryville R2, was elected director of the state Ayrshire Assocation and Eli N. Martin of Stevens, director of the Red Rose Dairy Herd Improvement Association.

-A grade Guernsey cow owned by Paul and Robert Ankrum, Peach Bottom R2, completed the highest 305 day lactation in the Red Rose Dairy Herd Improvement Association during October.

Figures released this week show that Roxanne finished the year with 14,680 pounds of milk with a 5.5 percent test and 814 pounds of butterfat.

Runner-up in the lactation records was a registered Holstein in the herd of J.C. and and Jay C. Garber, Lancaster R6. Masterpiece produced 19.238 pounds of milk with a 4.0 percent test and 772 pounds of butterfat.

-Carol singing and a turkey with all the trimmings gave a festive air to the December 3 meeting of Society of Farm Women 6. The Christmas party was held in the Elizabethtown fire hall.

Devotions were in charge of Mrs. Daniel Eshleman and Mrs. Harry Seller led the group in singing Christmas carols.

Main speaker was Professor Elmer Hoover who told of his experiences as a chaplain in the army from 1943-1946. During the time he delivered 1,600 sermons, conducted Bible study groups and held baptisms and weddings. Professor Hoover gave this advice for the Christmas season to the group: "As Christ gave himself for us, so may we give ourselves. If we want a better world, we must be better."

Hostesses at the meeting were Mrs. Elvin Keener, Mrs. Mable Hossler, Mrs. Elmer Brill, Mrs. Daniel Eshleman and Mrs. Lester Brenneman. News reporter for the society is Mrs. C. R. Frey.

-Area foodshoppers are likely to find meat values a little on the high side this weekend, according to Tom Piper, Penn State Extension Marketing Agent. Beef, lamb and veal promise to carry higher price tags as supplies coming to market in recent weeks have been insufficient to meet the demand. Turkey prices have advanced since Thanksgiving.

Meat values this weekend will likely include chicken and fresh pork items, especially pork loins and fresh picnics.

Cornell Holds Swine Seminar

ITHACA, N.Y. — The third and final session of Cornell University's series on swine production is to be held Monday and Tuesday in Morrison Hall on the university campus.

Included in this last session are two concurrent evening sessions to suit both new and experienced producers.

About 125 people from across the Northeast are expected to attend the program. Participants registered to date include veterinarians, academics and pharmaceutical-industry personnel, cooperative extension agents, 4-H and FFA members as well as both small- and large-scale swine producers.

Speakers are to include Dennis Hodgkinson, a consultant on swine facilities from Manitoba, Canada; Barbara Straw, Cornell professor of veterinary medicine; and R. Dean Boyd, Cornell animal nutrition professor who pioneered the development of porcine growth hormone.

Topics are to cover all phases of swine production. Registration is free for youth and $10 for adults. For more information call (607) 255-4505.

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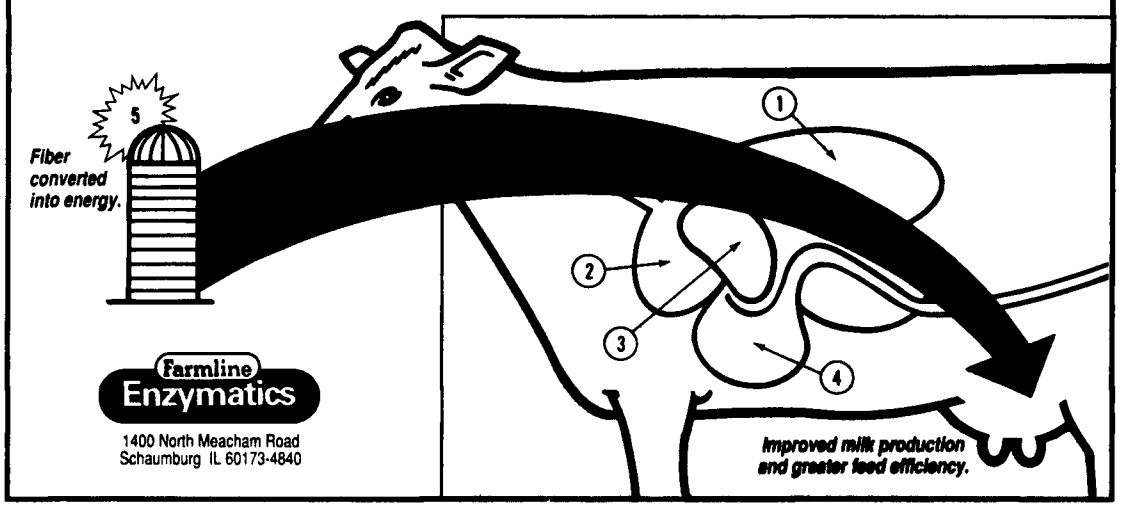

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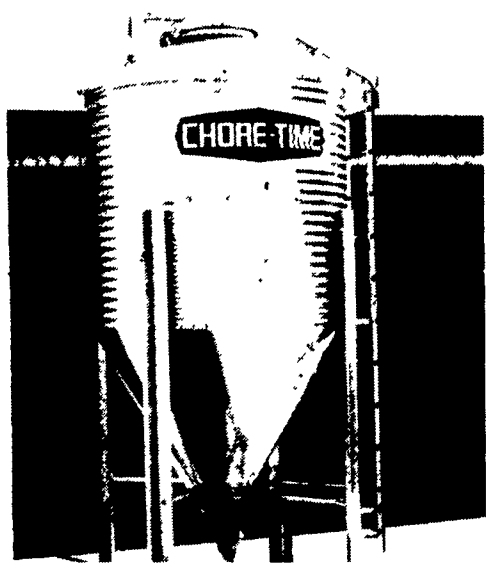

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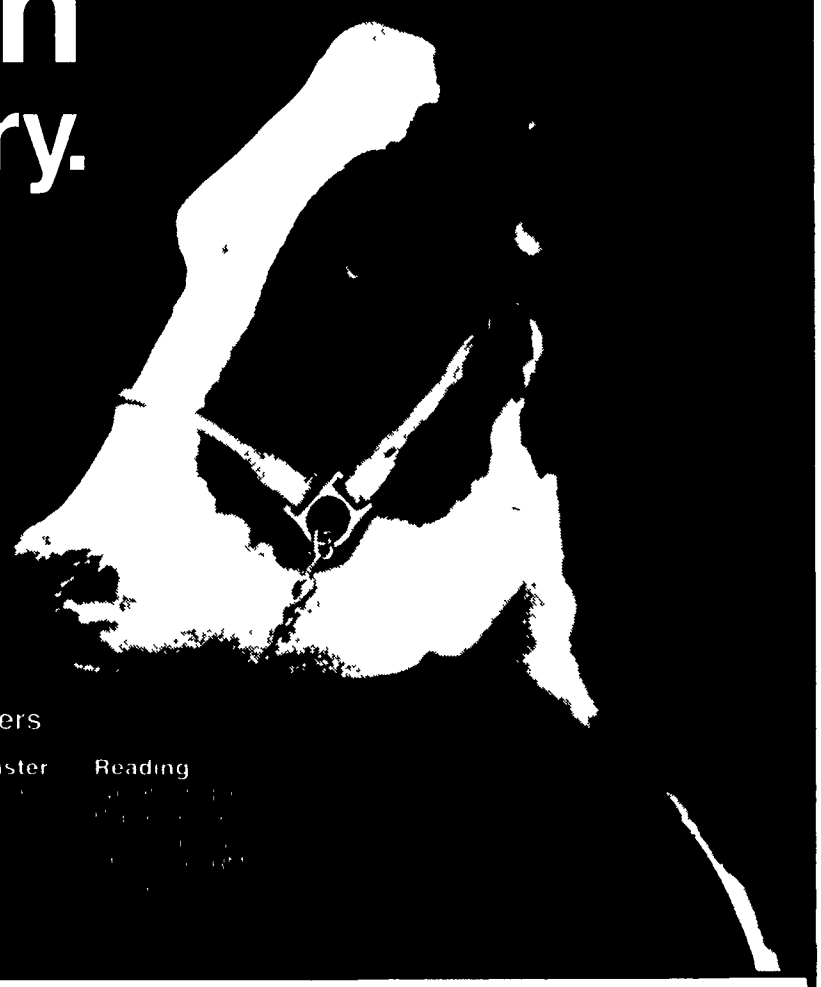

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Agency Farmers Rally To Get Majority Support

MEDINA, Ohio — "Just ten months ago consumers were paying prices for dairy products that returned nearly $16 per cwt to dairy farmers in eastern Ohio and western Pennsylvania.

Since then, the demand for dairy products has remained strong, but because our (dairy farmers) milk price is determined on national marketing conditions, it has already dropped more than $3 per cwt from last year. Looking at 1991, it is expected that blend prices in eastern Ohio and western Pennsylvania will average between $11.25 and $11.75 per hundredwight (cwt)," said Lowell Friedline, dairy farmer from Somerset County Pennsylvania.

Friedline, also a director for the Producers' Equalization Agency (Agency) added, "We produce a nutritious products, spend money advertising it and have created a strong demand, but this is self defeating because we do not have a mechanism to price our product. This is particularly disturbing since just a few months ago, consumers locally were paying prices for dairy products which yielded us a reasonable milk price."

"In order to have a healthy dairy industry in eastern Ohio and western Pennsylvania, we (dairy farmers) need to establish a mechanism to price our product. This can only be done if the vast majority of dairy farmers agree to price their milk through a pricing agency. Although this may seem difficult since dairy farmers by nature are independent, it can be done if an organization was designed in a manner that was acceptable to both independent dairy farmers and dairy farmers who ship their milk through a cooperative. I feel the Agency is this type of organization, but to become operational the vast majority of dairy farmers in eastern Ohio and western Pennsylvania need to sign an agreement to mutually price their milk," said Jim Woods, independent dairy farmer from Mercer County Pennsylvania.

Woods added, "The Agency is a dairy farmers' organization with a goal to price milk at a level that will return to dairy farmers at least a $1 over-order premium. Dairy farmers can achieve this goal by gaining the acceptance from the vast majority of dairy farmers in this market to mutually price their milk so local milk processors will not be disadvantaged.

"If dairy farmers want a better price, they need to become involved by pricing their milk. So do something about your future, become involved and attend the next Agency meeting in your area or call 1-800-875-2250," Woods said.

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Pennsylvania Bull Enters Proving Program

PLAIN CITY, Ohio — 7H3903 Willsholm Consort-ET, a young sire bred by North View Farm, Berlin, has been chosen to enter Select Sires' Program for Genetic Advancement (PGA) sire sampling system.

Based on his outstanding pedigree, 7H3903 has been selected as one of 160 Holstein bulls from throughout the United States to enter the program in 1990.

7H3903 is a Trifecta son backed by three generations of "Very Good" or "Excellent" dams. The Rotate dam produced over 31,000M, 1,200F, and 1,000P on 3x milking. The Pete granddam produced over 34,000M, 1,000F, 1,100P on 3x milking.

Select Sires is a family of 12 farmer-owned and controlled A.I. cooperatives, serving the largest number of co-op members in the United States. 7H980 Walkway Chief Mark, the most extraordinary type and production sire of the decade, is an example of the superior genetics Select Sires offers. These results assist the federation in achieving its basic objective - to supply livestock breeders with the industry's top genetics.

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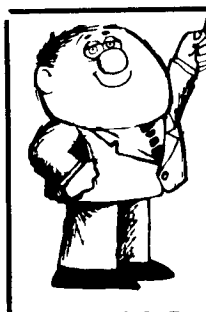

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Maryland Team Competes In National Dairy Bowl

COLLEGE PARK, Md. — Carroll County's state champion senior 4-H dairy bowl team and a Montgomery County 4-H member represented Maryland in the National 4-H Dairy Quiz Bowl, held Nov. 3 during the North American International Livestock Exposition which ended Nov. 16 at Louisville, Ky.

Maryland's delegation finished sixth among 21 state teams—being defeated in consecutive rounds by the teams which finished first and third. The first-place team hailed from Somerset County, Pa.

J. W. Wotthlie, 16, of Mount Airy captioned the Maryland team. Other Carroll County members were Bryan Harris, 15, of Westminster and Denny Widner, 17, of Warfieldsburg.

Jenny S. Savage, 14, of Ladiesburg (Frederick County) was the fourth Maryland 4-H dairy bowl team member. She is a Montgomery County 4-H member.

From the left, J.W. Wotthlie, and the winning senior 4-H team in Maryland, Tom Muller, and Wyatt Griffin, show their trophies won during the national 4-H dairy bowl. Wotthlie captained the team.

Bradford Co. Hosts Dairy Day

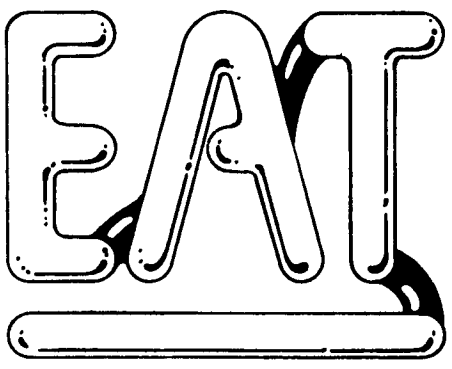
TOWANDA (Bradford Co.) — Pennsylvania milk marketing and dairy cow nutrition and management will be addressed at the Bradford Co. Dairy Day on Jan. 31, 1991, at the Troy Veterans Club in Troy, Pa.

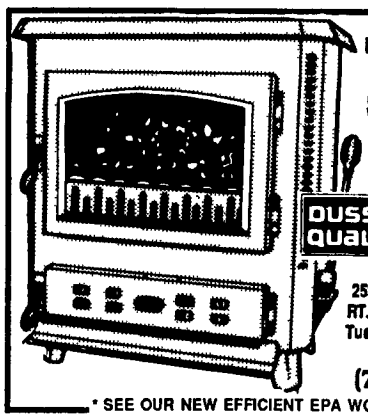
Beginning at 10 a.m., the dairy day will focus on the Pa. milk marketing situation and outlook in the past, present, and future by Dr. Robert Yonkers, extension ag economist from Penn State. Following the presentation, Dr. Thomas Cannon, Alfred State College, will address nutrition and management of the dairy cow in the 1990s.

After lunch, at 1:45 p.m., Yonkers will speak on "What Does It Cost to Produce Milk?"

Dairy farmers from Bradford County are invited to attend. To register, contact the Bradford Co. Extension Office at (717) 265-2896.

You are what you





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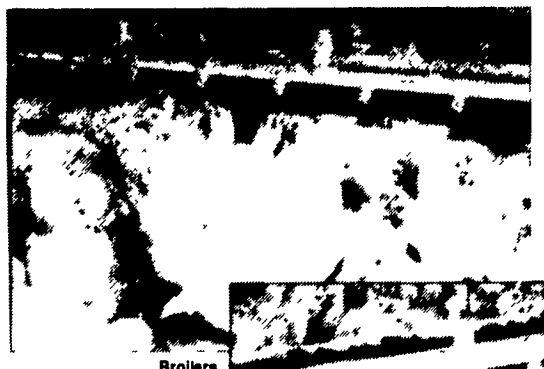
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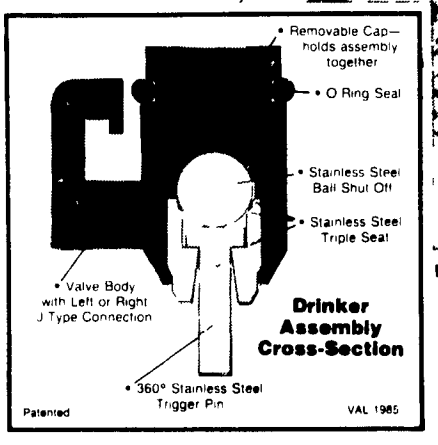
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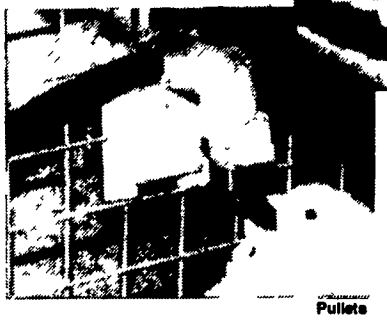
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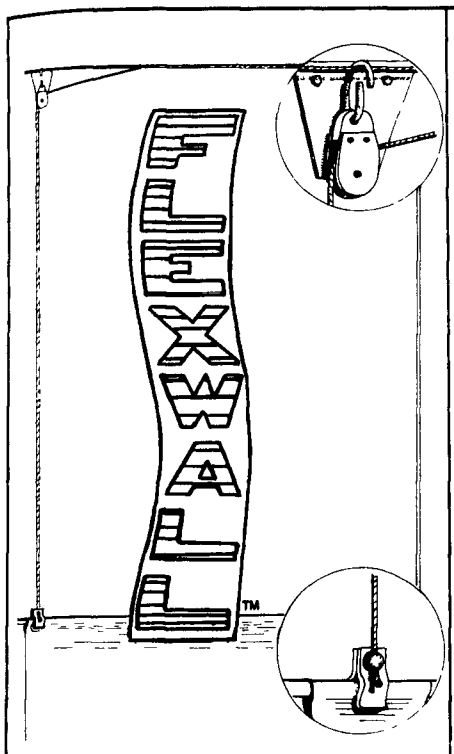

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Balance Is Essential For Pesticides, Wildlife

NEWARK, Del. — When planning pesticide programs this winter and next spring, keep in mind water quality, wildlife and the environment, says Dean Belt, University of Delaware Cooperative Extension renewable resources agent.

"Agricultural pesticides can pose a number of hazards to wildlife," he says. "Some chemicals are toxic enough to kill wildlife on contact while others can weaken them. This condition makes them more likely to fall victim to disease, predation or harsh weather."

Belt adds that the loss of habitat caused by farming and reduced food supply as a result of killing both target and non-target insects can cause hardships for wildlife as well.

"With special management consideration, agriculture and wildlife can be compatible," he says. "And although some practices may be inconvenient at times, it is worth the effort if you value our environment.

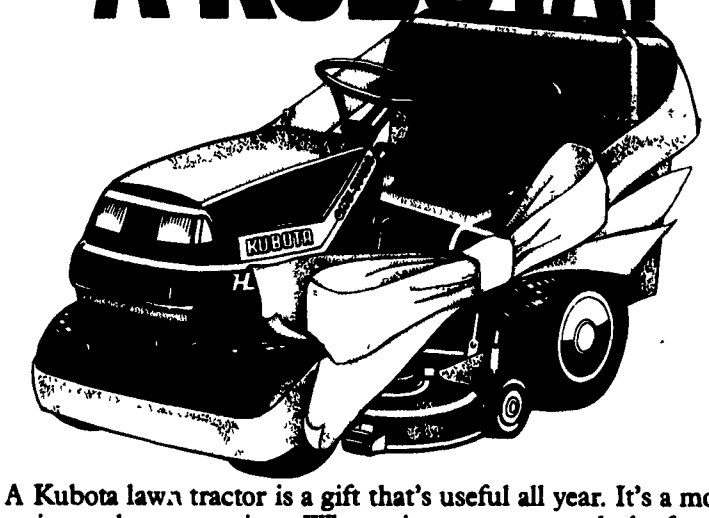
"There are many opportunities to develop management plans for your farm or even on a field-by-field basis when special environmental concerns exist," Belt continues. "Reducing pesticide impact on wildlife requires using the best management techniques available."

Belt offers the following general suggestions:

- Add buffer strips to protect wetlands and provide a pesticide-free zone for wildlife.
- Avoid drift to non-target areas.
- If you have runoff potential next to a wetland, consider using the least hazardous pesticide and perhaps changing a planting date until after the usual heavy spring rain season.
- Scout your crops and apply pesticides only when it is cost-effective.
- Consider crop rotations to help reduce pesticide needs over time.
- Consider programs that provide assistance in removing marginal land from production and establishing wildlife habitat on it.

For further information on using pesticides wisely, contact your county Extension office in Newark (302) 451-2506, Dover (302) 697-4000, or Georgetown (302) 856-7303. County offices have available copies of "Agricultural Pesticides and Wildlife," a brochure created at Iowa State University.

GIFT WRAP A KUBOTA.



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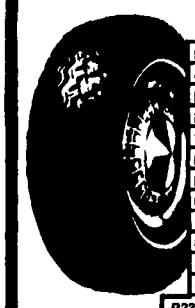

SIZE	COST
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P165/80R13	$45.00
P175/80R13	$47.00
P185/75R13	$49.00
P195/75R14	$52.00
P205/75R14	$56.00
P215/75R14	$58.00
P205/75R15	$57.00
P215/75R15	$59.00
P225/75R15	$62.00
P235/75R15	$65.00
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31x10.50R16.5	D	108.00
33x12.50R15	C	115.00
33x12.50R16.5	D	127.00

- Raised Outline White Letters

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235/85R16	E	108.00
8.00R16.5	D	86.00
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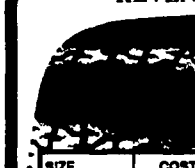
7.50R16	D	95.00

STEEL BELTED RADIAL REVENGER M&S



SIZE	COST
P205/60SR13	59.00
P215/60R14	64.00
P235/60SR14	70.00
P245/60SR14	74.00
P235/60SR15	76.00
P245/60SR15	80.00
P225/60SR15	83.00
P275/60SR15	84.00

SIZE	COST
P175/70SR13	52.00
P185/70SR13	54.00
P195/70SR13	56.00
P185/70SR14	57.00
P195/70SR14	60.00
P205/70SR14	61.00
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P225/70SR14	69.00
P215/70SR15	70.00
P225/70SR15	72.50
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- Polyester Body Plys
- Raised White Letters
- M&S Rating
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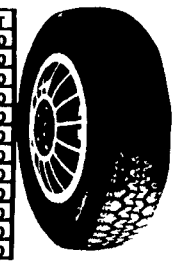

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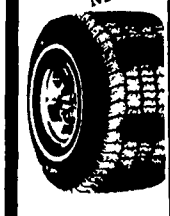
155R12 76S	30.00
145R13 74S	33.00
155R13 78S	34.00
165R13 82S	35.00
175R14 88S	39.00
185R14 90S	41.00
165R15 86S	39.00
175/70R13 82S	38.00
185/70R13 85S	39.00
185/70R14 87S	42.00
195/70R14 90S	45.00
205/70R14 93S	47.00

INNOVATION II ALL SEASON STEEL RADIAL



SIZE	COST
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P165/80R13	39.00
P175/80R13	41.00
P185/80R13	43.00
P185/75R14	44.00
P195/75R14	46.00
P205/75R14	48.00
P215/70R15	50.00
P205/75R15	49.00
P215/75R15	51.00
P225/75R15	54.00
P235/75R15	56.00

TRAIL CUTTER P-METRIC RADIAL A/P M&S

STK. NO.	SIZE	PLY	COST
Outline White Letters			
2-3020	P205/75R15	SL	60.00
2-3030	P215/75R15	SL	65.00
2-3035	P225/75R15	SL	68.00
2-3040	P235/75R15	SL	70.00
2-3045	245/75R16	E	107.00
2-3050	255/75R16	D	95.00
2-3060	265/75R16	C	108.00
2-3080	LT235/75R15	C	91.00

GRANDEUR PREMIUM ALL SEASON STEEL RADIAL M&S

SIZE	COST
P155/80R13	44.00
P165/80R13	45.00
P175/80R13	47.00
P185/80R13	49.00
P185/75R14	51.00
P195/75R14	52.00
P205/75R14	56.00
P215/75R14	58.00
P205/75R15	57.00
P215/75R15	59.00

SIZE	COST
P225/75R15	63.00
P235/75R15	65.00
P185/70SR13	48.00
P185/70SR14	51.00
P205/70SR14	56.00
P215/70SR14	58.00
P215/70SR15	58.00
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GRANDEUR XL (EXTRA LOAD)	
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Feed Toxicity Reviewed

GEORGE F.W. HAENLEIN
Extension Dairy Specialist
University of Delaware

When Aflatoxin-Containing Feeds Are Fed

Alarming reports about farm milk being condemned in several areas of the United States have come to my attention recently: "Texas study finds aflatoxin worst in 5 years; 40-60% of samples exceed safe levels, some as high as 2,000 ppb." One pbb (part per billion) is 1 microgram per 2.2 lb grain, or one 28,350,000th of an oz. per 2.2 lb. grain.

Another trade journal reports that producers with tests of less than 20 ppb will be able to sell their corn at prevailing market prices, while those with tests of 20-100 ppb will be docked 10 cents/bu. For levels in the 100-300 ppb range, there will be a discount of 30-50 cents/bu. as much as $18.5 million worth of corn in one state alone will not be marketable at all, with the total loss predicted at more than $30 million.

Even more disconcerting is another recent study which shows that aflatoxin and all the undesirable molds in the mycotoxin family are not only a frequent problem in Southern states, where it is often warm and humid and ideal for mold growth, but also a persistent concern in Midwestern states. In Nebraska, Minnesota, Iowa, Illinois, Indiana, Michigan and Ohio, the study found 1 in 4 samples to have mycotoxin levels.

Not too many years ago here on the Delmarva peninsula we also experienced weather conditions that produced detectable mycotoxin levels on corn. And corn is not the only crop affected. Peanuts have long been a problem, depending on the kind of storage, as has cottonseed. Though greatly underestimated, our corn silage on the peninsula, especially in the big horizontal bunkers, often has a lot of mold growth on the surface as secondary invasion following opening and improper loosening of the silage's surface. Few people have a thorough appreciation of the hidden menace these molds carry for farm animals and people.

Symptoms of aflatoxicosis are several, depending on the level: abortion, repeat breeding, drop in milk production, reduced feed intake, nasal discharge and runny eyes, scours, mastitis, unthrifty calves and even death. Adult cattle may recover in many cases, but calves can be affected longer.

It is difficult to guess which grains or feeds have mycotoxin levels. Unlike the non-toxic, even beneficial, green or white molds that we know from penicillium, for example, or from Camembert or Danish blue cheeses, the mycotoxin molds generally require so-called blacklight testing or chemical analyses in a specially equipped laboratory. And not all levels are seriously bad. For lactating cows (and dairy goats probably, too) a safe level in the daily ration must be less than 20 ppb. For yearling heifers the safe level may be up to 100 ppb. Prolonged feeding will be a problem.

Recent guidelines from the University of Georgia indicate that corn with mycotoxin levels to some extent can, for instance, be used. When aflatoxin levels exceed 200 ppb, serious consideration should be given to ammonia treatment of the corn in order to detoxify aflatoxin. Estimated cost for treatment with ammonia, anhydrous or aqua ammonia a few years ago was 12-15 cents/bu to reduce aflatoxin levels to where it can be fed. Georgia Extension Bulletin #869 gives details. Ammoniated corn will be golden to dark brown in color and will be eaten readily by dairy cattle.

Safe levels of feeding can be calculated by changing proportions of safe and unsafe grains in a concentrate mixture. Corn with 100 ppb aflatoxin mixed at 800 lb/ton with concentrates will test only 40 ppb, bringing it down to the maximum allowable level of 20 ppb, if the concentrates make up no more than 50% of the daily dry matter feed intake of dairy cattle, and that safe hay and silage make up the other 50%.

For 80 ppb aflatoxin corn, 1000 lb could be used in a concentrate mixture resulting in 40 ppb, and still giving only 20 ppb safe levels when intake remains 50%. If cows are eating 20 lb of that concentrate mix and 25 lb of dry matter from silage and hay for a total of 45 lb daily intake, then the cows would be getting 20 lb times 40 ppb divided by 45 lb for a total of 17.7 ppb in the entire ration per day. However, if the same cow ate 25 lb of that concentrate mix, then she would increase her daily intake up to 22.2 ppb. If you want to feed corn with a 500 ppb level for a short time to heifers, for example, at a level of 100 ppb, then 100 ppb divided by 500 ppb results in a 20% limit of such corn to be used in a total ration.

Other strategies include specific silicate salts of calcium, sodium and aluminum that can reduce aflatoxin effects by binding and excreting in the feces after they have been mixed with the concentrates at 1% (20 lb/ton) and consumed at 0.2 lb/cow/day. The costs may be around $8/ton.

Now that corn has been harvested, close attention must be given to correct bin management. Air must be circulated to keep moisture below the magic 12%, the point at which molds love to grow. When outside air temperatures are 10 degrees Fahrenheit or more below grain temperature, then air again must be circulated until temperatures are closer together. Humidity must be held below 65% to prevent moisture addition to the grain. Aeration should not be used when grain temperatures are below outside temperatures. Again, a Georgia Extension Bulletin (#712) gives details.

If you suspect mycotoxins in your feeds including silages this fall and winter, don't panic. Have the feeds tested in a reliable lab before you feed them, and adjust your ration intake per cow and heifer below the unsafe levels to protect the health and reproductive efficiency of your animals. This will ensure their profitability for you as well as produce safe milk for human consumption, because certain molds are found as metabolites in milk.

Ag Offices Move To New Location

SUNBURY (Northumberland Co.) — The offices of the Northumberland County Conservation District, USDA Soil Conservation Service, and the USDA Agricultural Stabilization and Conservation Service recently moved to a new location.

The three offices moved from their old location on Route 61 to new facilities on Plum Creek Road, RD 3, Sunbury. Plum Creek Road is located just off Route 890, 1.1 miles south of the Route 61-Route 890 intersection. The new office is 0.7 mles east of the Route 890-Plum Creek Road intersection.

The new mailing address for all three agencies is RD 3, Box 238-C, Sunbury, PA 17801. Phone numbers have not changed.

Farmland Saved

HARRISBURG (Dauphin Co.) — The Pennsylvania Agricultural Land Preservation Board last week approved a plan to save prime farmland in Franklin County and authorized the purchase of easement rights on a Chester County farm.

The board approved an easement purchase for the Janet and David Mast farm in Chester County, bringing to 21 the number of farms preserved under the state program. Another four farms in Lancaster County and one in Chester County were protected through easements purchased exclusively with county funding.

Located in West Nantmeal Township, the 109-acre Mast family farm produces wheat, corn and soybeans.

Pennsylvania now has 2,082 acres of prime farmland permanently protected from development.

DAIRY FARMERS!!

JOIN NFO NOW

**WE WANT TO IMPROVE YOUR INCOME--
DON'T WAIT UNTIL IT'S TOO LATE!**

**COME TO ONE OF THE FOLLOWING MEETINGS
TO FIND OUT HOW YOU CAN HELP:**

THURSDAY, DECEMBER 13, 1990

**1:00 PM HOFFMAN COMMUNITY BUILDING
QUARRYVILLE, PA**

**7:00 PM HONEYBROOK GRANGE HALL
RT 10 SOUTH
HONEYBROOK, PA**

Wayne County DHIA

(Continued from Page A33)

an average Somatic Cell Count of 94,000.

Dave Soden, Starrucca, president of the Wayne County DHIA, explained the decision to consider a merger of the Wayne County DHIA with Pennsylvania DHIA.

Wayne County members are now being asked to cast their ballot.

If the merger vote is favorable, the Wayne County association will be dissolved and the Pa. DHIA will conduct the business of milk testing and records for Wayne County dairymen. The merger would be effective as of Dec. 31, if a favorable vote is achieved.

The Wayne County Dairy Herd Improvement Association finished its 64th year with 103 member herds.

The average milk production level for all herds on test was 15,775 pounds of milk, 3.6 percent butterfat and 572 pounds of butterfat. The milk level is the highest ever in 64 years of testing and the pounds of butterfat is slightly below last year's level.

The value of milk produced per cow was $2,355. After all costs were paid, the net value of the product (milk) was about $1,481 per cow. The value was above the 1988-1989 figures.

The current directors and officers of the Wayne County Dairy Herd Improvement Association are: Dave Soden, Starrucca, president; D. Ellis Dix, Pleasant Mount, vice president; Henry Antoniolli, Honesdale; William Bryant, Honesdale; Wayne Conbeer, Beach Lake; Mike Nebzydoski, Pleasant Mount; John Pawloski, Lake Ariel; Gary Richard, Honesdale; Marlyn Shaffer, Lake Ariel; Arthur Rutledge Sr., Damascus; and Grant Teeple, Equinunk.

Cooperators

(Continued from Page A24)

management (inventory management using Stenholm's term) that would be implemented in case of excess surpluses. "Surplus is food inventory blessings, and we want a market opportunity to handle that," Stenholm commented.

The bill requires the Secretary of Agriculture to study program options and by August 1, 1991, recommend a program for Congress to vote on. He urged the dairy industry to play an active role in influencing that decision. "Use your eyes to help us filter through the options," he said.

Stenholm emphasized that we want no more dairy terminations, heifer buy outs, etc. They are only temporary solutions. The dairy industry needs unity to survive. He said his committee is awaiting recommendations from National Milk Producers Federation and dairy industry leaders and is open to all comments, ideas and options. "The need for NMPF has never been greater. The need for our cooperatives to enhance dairy returns to producers has never been greater," he concluded.

HORSE & PONY AUCTION

Petersheim Auctioneers

SAT., DECEMBER 15, 1990
1 P.M.

1 mile East of Intercourse, on Hatville Rd.

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10 head of standardbred, 1 saddlebred, 5 ponies.
Horses hitched at 12 noon sale day.

OWNER: LEVI LANTZ

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Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

DECEMBER

WED DEC 12 - 1 30PM, Complete Herd Dispersal-47 Head of Holstein and Mixed Breed Dairy Cattle, at Belleville Livestock Market, Belleville, PA

THURS DEC. 13 - 10, Medical Monitoring Equipment, Computers, Printers, etc., located 1825 E. Boston Ave., Phila, PA, Wm F Comly and Son, Aucts

FRI DEC 14 - 9AM, New Hardware, Tools of All Discriptions, Shop Equip and Supplies, Christmas Items, located 20 mi SE of Lancaster, 7 mi S of Quarryville, at 422 Cooper Dr, Lanc Co, PA, Stoltzfus Hardware-Elam Stoltzfus, owner, Diffenbach's Auct's.

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We are here to buy the 1990 crop of tobacco. We support the auction system. We also will receive tobacco at Lester Martin's building, east of Blue Ball on 322 for farmers that want to sell direct. Be sure to grade your tobacco in 3 grades. Keep green & trash out of good tobacco. We will be paying the top price.

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Our management and employees remain the same. We continue to offer the same quality products and services as before. The only change is our new name.

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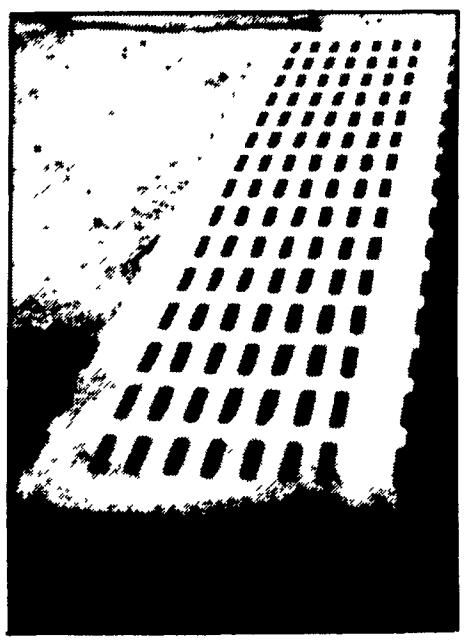
7/8" or 1" Slot

2' or 4' Waffle Hog Slats can be custom made to any length that is suitable for your barn.

2' Waffle Hog Slats only weigh 20 LBS per sq. ft. so you can carry into existing barn.



Large percentage of opening keeps slats clean and dry.

Waffle slats are uniform and easy to install

Waffle slats can be undercut so it can replace existing steel slatted areas.

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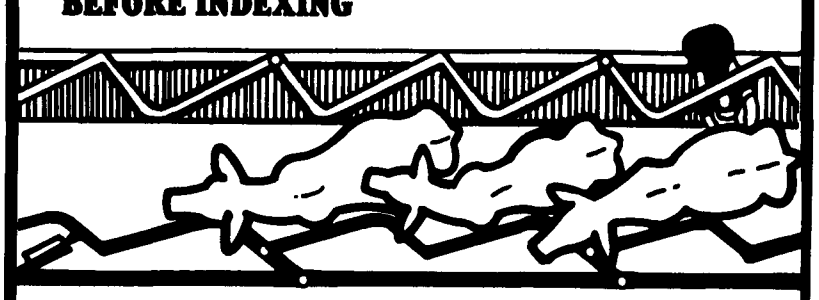

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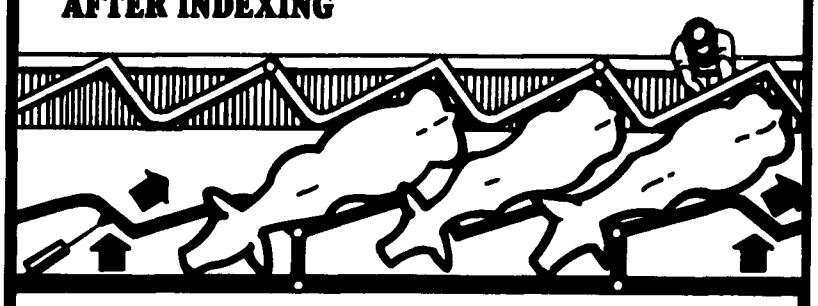

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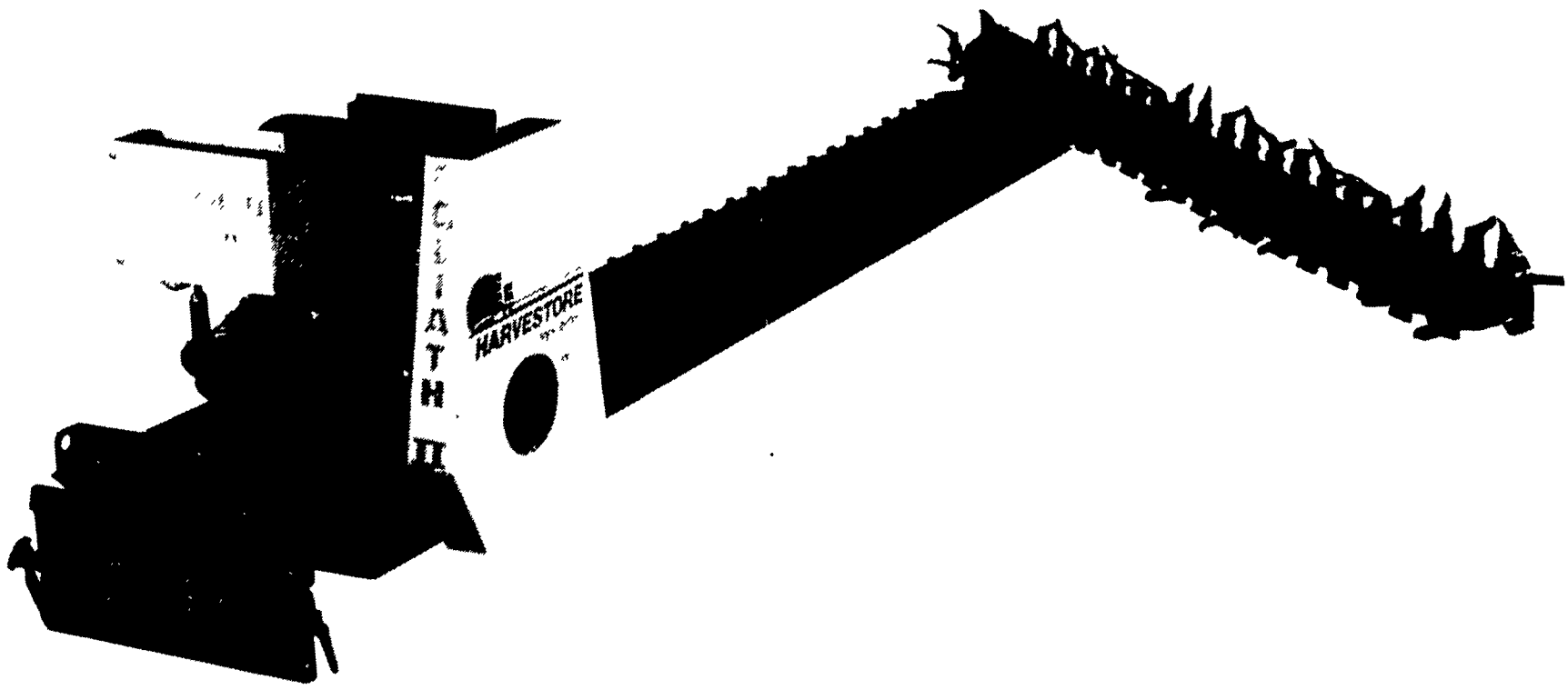

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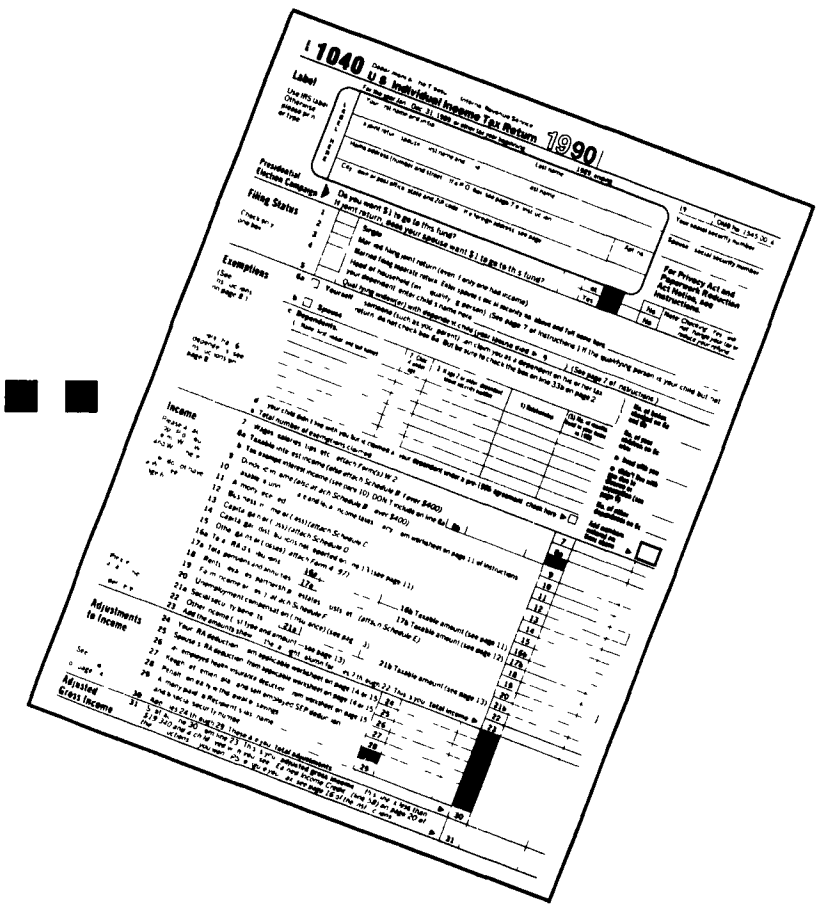
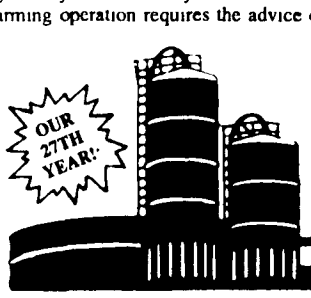


The results you may achieve with your Harvestore® System depend primarily upon your management skills and may vary from successful results achieved by others. Any application to a particular farming operation requires the advice of qualified experts and is subject to limitations of good management, weather and other conditions present at the individual location.



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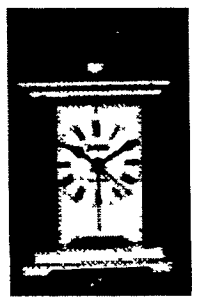
FOR CHRISTMAS!! Hourly Music and Strike!

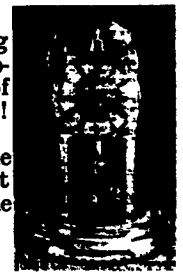


Music on the Hour Strikes on the Hour 16 different tunes also a Beeper Alarm

NEW! #5102H DELWEACO CARRIAGE CLOCK! MINI CHIME, STRIKE, & ALARM CLOCK! 16 MELODY AND HOURLY STRIKING! Plays a DIFFERENT TUNE on EVERY hour; after the tune, it STRIKES the correct time!! Shuts its self off during the night (no music or striking from 10 PM to 5 AM.) At 6 AM it will again play music and then strike 6! Uses a high quality speaker system for BEAUTIFUL sound. You will be amazed at the music quality! Plays such all time favorites as 'Long, Long Ago', 'Cuckoo Waltz', 'Home on the Range', 'Farmer in the Dell', 'Home Sweet Home', and 11 more! (Music and striking lasts about 30 seconds). This is also an ALARM CLOCK. Has a standard (medium loudness) 'Beeper' type alarm (does NOT wake to music). The music nor striking will not sound when the alarm is set to 'ON'. This allows daytime use of the alarm. Alarm on/off button is located on top for easy reach. The clock is in all WHITE, (will match any bedside or any other room) clear crystal over black numerals, black hour/minute hands, grey alarm and sweep hands. Size is 6" tall, 4" wide and 3" deep. Uses 3 'AA' batteries (not included). ONE YEAR WARRANTY. This is another of the DELWEACO series and is completely serviceable. Suggested Retail: $34.95.

Special Sale Price: **$24.95!** 2 or more at **$22.95** each!

ANNIVERSARY CLOCK! (battery operated).

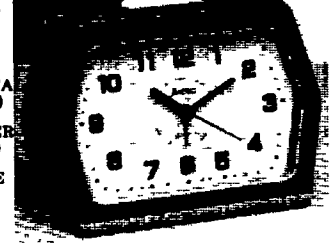


NOW! FOR THE FIRST TIME WE OFFER THIS ANNIVERSARY CLOCK! This authentic looking ANNIVERSARY CLOCK is 12" tall X 8" base with a clear plastic dome, rotating pendulum, decorative two-tone dial with Roman numerals, bright brass finish. The quality movement is made in the Black Forest of Germany.! Uses 1 'AA' battery. Quartz accuracy assures it is always on time! ONE YEAR GUARANTEE! Retail: $44.00

We have been able to buy these at a very good price from Waltham and therefore offer them to you at the following Sale Price! If you have alwayswanted an ANNIVERSARY CLOCK, but could'nt afford one or did'nt want the trouble that is usually associated with the keywind type; now is the time to get one of these. Trouble FREE set-up!

Sale Price: **$22.95!** 2 or more: **$19.99!!** EACH!

NOW!! MUSICAL!! WAKE TO MUSIC!



#3101M DELWEACO QUARTZ MUSICAL ALARM! FINALLY! A LARGE EASY TO READ QUARTZ ALARM CLOCK THAT HAS IT ALL! SIZE, LIGHT, MUSICAL ALARM! THE ONE YOU HAVE BEEN ASKING FOR! We have been searching for a Large, EASY-TO-READ Quartz Alarm Clock that has the features you have requested, and made to our specifications. Quartz accuracy assures it is always on time, and for the alarm, this clock plays the very beautiful *"ITS A SMALL, SMALL, SMALL, WORLD"*!! Guaranteed to wake the soundest sleeper! Plays the verse and the chorus and then plays it again and again! It will sound for up to 30 MINUTES (unless you shut it off!) The ON/OFF button is located on top of the clock so it is very easy to find in the dark! This clock also has a LIGHT that comes on AUTOMATICALLY if you tip or lift the clock! NO FUMBLING FOR BUTTONS! LARGE SIZE (6" X 4 1/4" X 2 3/4"), easy to read large numbers on a white dial. Black hands with red sweep; green alarm hand. Color is BLACK TRIM and GREY CASE! Uses 1 'C' battery and runs over a year on an alkaline type battery (recommended). This clock comes with OUR ONE YEAR GUARANTEE against any defects or materials. WE WILL SERVICE THESE CLOCKS HERE AT OUR SHOP! SUGGESTED RETAIL: $39.95.

MUSICAL

#3101M MUSICAL ALARM

LIGHT

Sale Price: **$19.95!** 2 or more: **$18.00!!** EACH!

#3101G..DELWEACO QUARTZ BEEPER ALARM. Same as above but has the ascending Beeper alarm-NO MUSIC. Gets louder and LOUDER. Also has the SNOOZE feature! Press shut-off button twice and it will wake you again in about 4 minutes!! All other specifications are the same as above. OUR ONE YEAR GUARANTEE! Suggested Retail: $29.95.

ASCENDING BEEPER

#3101G-BEEPER/SNOOZE ALARM - *Sale Price:* **$16.95!**

LIGHT

2 or more: **$15.00!!** EACH!

Be sure and specify #3101M for MUSICAL at $19.95 and #3101G for BEEPER/SNOOZE at $16.95.

NORELCO 100DB Cordless Razor!

NORELCO Battery Operated ROTARY HEAD Speedshaver!!! This new model #100DB is very similar to the older model 130DB; except has larger FLOATING heads for faster shaves, 15 cutters for closer shaves; and operates on 2 standard AA batteries (not included). NORELCO quality means TROUBLE FREE service for many years! Complete with TWO (2) YEAR WARRANTY, protective cap with mirror, on/off switch, cleaning brush, compact design! Travels anywhere for use anytime! Batteries are long lasting!

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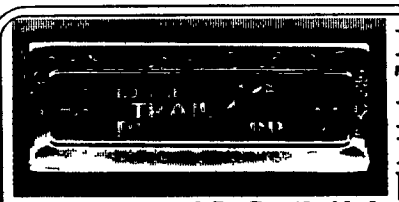
We accept Mastercard or Visa charge cards. We can ship C.O.D for additional $3.00 C.O.D. charge. Or send check or money order for prompt, POSTPAID shipment! There are NO EXTRA HIDDEN CHARGES! The price you see in these ads is the delivered total price!



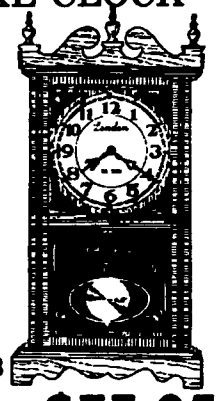
NEW! TRAIL RIDER HARP by HOHNER!

#2612/64 Key of C - G (2 sided C on one side & G on the other!)

CG/2612/64 Trail Rider Harp is a double sided, 64 reed, 32 double holes, 2 1/2 octaves, 4 5/8" long. This is the same harp as the 54/64 Echo double sided; EXCEPT FOR THE COVER; and priced at LESS THAN 1/2 THE RETAIL PRICE of the 54/64! This Harp was made as special Commorative and will not be available after current supplies are gone! Again, this is our 54/64 ECHO (ONE OF OUR MOST POPULAR HARMONICAS!) with a different cover! Save $25.00!

Special Sale: **$24.95!** 2 or more: **$23.00** each!

KEYWIND STRIKE CLOCK



#C243 31 DAY KEY WIND CLOCK! This is our most popular wall strike clock we have ever sold! It is dependable, well made, yet very reasonable in cost! Strikes once on the half/hour, counts/strikes the full hour. Full front glass door, swinging brass and wood pendulum. Black numbers and hands. Hardwood cabinet, Walnut finish, brass trim. Size: 21 X 11 X 5. ONE YEAR WARRANTY. Retail: $125.00

Special Sale: #C243 **$77.95!!** 2 or more: **$73.95!** each!

FREE GIFT CERTIFICATE/S DRAWING! On December 31st, 1990, we will hold our ANNUAL FALL DRAWING! This year we are giving away a total of $350.00 in GIFT CERTIFICATES!! First winner receives a $100.00 Gift Certificate; 10 runners up EACH receive a $25.00 Gift Certificate! These Gift Certificates are good for ANYTHING we sell or any of our service work! There is no obligation; no purchase is necessary. Void where prohibited. We do hope you will take advantage of the Specials above. Every Order is automatically entered in the DRAWING. If you wish to enter without purchase, simply fill in your name and address below and mail to us. THIS IS OUR WAY OF SAYING 'THANKS' FOR THE PAST 33 YEARS IN MAIL ORDER. May God Bless.

ALL SALE PRICES GOOD THROUGH DECEMBER 31st.

#400 BERLIN EXPRESS WAGON!

#F400 BERLIN EXPRESS Wagon is 36x17x9 with BALLOON TIRES, ball bearings, grease fittings, heavy guage metal steering, hardwood side racks and rails, riveted stake pockets, heavier floor, AUTO STEER no-tipping front end! Balloon (pneumatic) tires are 280/250 size for a smoother ride! Model #400.

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are once again available. These units are made of precission milled iron castings, sanitary rust resistant finish, easy to clean, sharp ground cutters. These are the heavy duty type - built to take it! Built the same as they have been for years, but are now made in China.

#32 COMMERCIAIMEAT GRINDER This one is made for grinding large quanities of meat such as sausage, hamburger, etc. Base mount has provisions to BOLT TO PLANK OR TABLE TOP. Large crank makes turning much easier. This monster grinds 5 lbs of meat per minute! Comes with the fine meat grinding plate - larger size plates also available. 12 in. long 10 in. high and 5 in. diameter. (pulley adaptable)

Special Sale!: **$64.95!**

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#64304 4 qt Hand Crank Freezer	..SALE! $66.95!
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#69206 6 qt Electric Freezer	..SALE! $109.95!

ALL WHITE MOUNTAIN FREEZERS COME WITH A STAINLESS STEEL CAN GUARANTEED 5 YEARS!

CHRISTMAS ORDERS. We need your order by December 17th to assure delivery by December 24th (except Day-N-Nite NAMPLATES - take 2-3 weeks). We normally ship the same day we receive your order.

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Church Cooks Apple Butter Over Open Fire

Mary Laeger Hagemeister

LIVERPOOL (Perry County) — Smoke wafts through the air, combined with the sweet aroma of cooking apples. Crackling logs emit flames around enormous cast iron kettles as apples, ciders, and sugar are stirred for an average of eight hours per kettle to achieve the final lip-smacking product — apple butter.

The 38-year tradition of making apple butter is part of St. John's (Barner's) Lutheran Church, Liverpool. It's a tradition, not just for the congregation's members but the entire community. Individuals arrive at the church the second Friday night of October each year with large bowls and knives prepared to "snitz."

Snitzing involves everyone no matter what the age! Small children dig apples out of barrels to distribute to the adults, spanning three generations, who prepare the apples for cooking. However, more is accomplished through snitzing than meets the eye. During this time, stories are shared such as. "Remember when Suzy was that age..." or "How are things going?"

The support for individuals is evident as well as for the community. Of course the end result is barrels and barrels of sliced apples and stained hands, but the memories that live on can't be measured in jars of apple butter — but Mary believes they do add to the flavor!

From the church fellowship hall the apples are transported to the grove where the men are preparing the fires under each kettle. Around midnight they begin cooking and stirring, not taking time out to sleep, until the wee hours of the day. At the crack of dawn women are back at the church preparing a "substantial" breakfast for smoked, stir-weary men.

Even breakfast needs to be eaten in shifts. Someone needs to continually stir the apple butter! As the day wears on, more and more volunteers appear on the scene. People are busy filling jars of apple butter for customers, fixing and serving homemade chicken corn soup, bean soup, homemade ice cream and pie. In addition, patrons can choose from an array of homemade crafts and goodies.

For 38 years, church members have made apple butter the old-fashioned way, enjoying the fellowship and taste that comes from the all day and all night activity.

Many hours are volunteered by a multitude of people to keep this tradition alive. While the tradition sometimes labels St. John's as the "Apple Butter Church," the toils of everyone's labors help support the community. Proceeds from the event are used only for special ministry — such as helping the homeless at Bethesda Mission or a local family who faces a crisis such as a home fire or serious illness.

Traditions, whether family or community, give a sense of belonging. They help individuals feel as though they are important and offers them a sense of values.

The sweet taste of apple butter can be enjoyed only because loving, caring people give of their time and energy.

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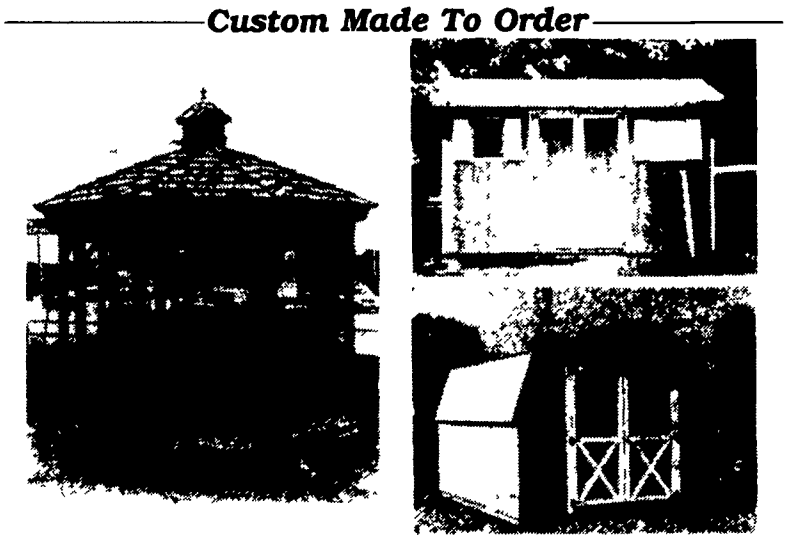

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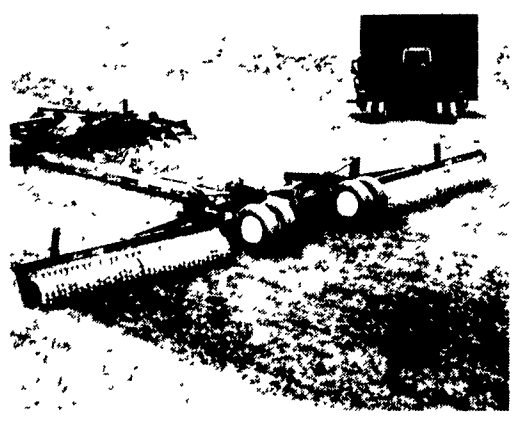
MAMMA

ROLLING ON...IN THE 90's

Brillion

MEETS THE CHALLENGE

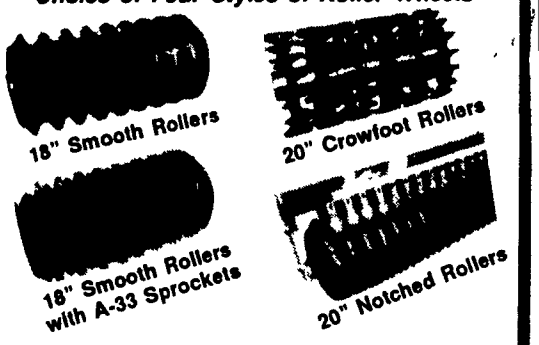
NEW X-FOLD PULVERIZERS

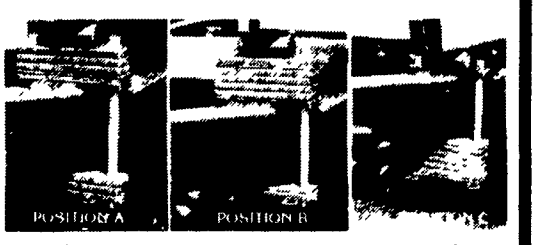


The pulverizer has been a basic tool for nearly 100 years and Brillion has been building them since 1895. Look at these features:

- Automatic Transport Lock
- Telescoping Drawbar
- Hitch Adjustment
- Cost Efficient-Energy Savings
- Floating Wings
- Narrow Transport Width

Choice of Four Styles of Roller Wheels





Another outstanding feature of BRILLION's X-Fold Pulverizers is the Hitch Adjustment. The pulverizer drawbar can pivot vertically in field position. Three thicknesses of shims are provided on the braces on each side of the drawbar (⅛ ", ¼ " & ½ "). These shims are used to limit soil pushing in front of the rollers.

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ROLLING ON IN THE 90 s

Brillion

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Ida's Notebook

Ida Risser

Since the leaves are raked and the garden is almost empty, I've been keeping busy indoors. My husband gave me a job that took part of two days. He bought genealogy charts and ask me to fill them out for his brothers. Ordinarily I do not believe in simply handing over all the records that I have. It seems to me that the one who wants the information should be willing to invest some time getting it as I did.

Genealogy can be fascinating as one follows through generation by generation. I've found doctors, lawyers, teachers, dentists and so many farmers but no Indian Chiefs in my background.

Several branches of our families can be traced to Switzerland and also Germany. So far the Herr's, Landis's, Shreiner's, Kraybill's, Reist's and Weidler's have ancestors known to have come from Europe. But there are many more family trees that are yet to be discovered.

Recopying charts includes so many dates. Birth, marriage, and death dates are considered to be the most important. Dates, dates and more dates but are they the most important? Wouldn't we all like to be remembered by more than three dates? Think of all the things that happen over the years — the memories that accumulate as the years pass by and children grow up and leave home.

I've refreshed my memories of some 30 years ago when I had small children in the house. I reread my diaries and sent each child sheets of paper telling them what they did when they were their children's ages. This heightened my recall of past activities. The one son did so many mischievous things when he was three and I'm hoping he will be tolerant when his own son does some of the same tricks.

Exhibition To Benefit Farmland Trust

WASHINGTON, DC — Nationally-known artist David Armstrong will launch a month-long exhibition of his paintings at New York's Hammer Galleries with a benefit reception to celebrate the 10th anniversary of the American Farmland Trust, a national organization dedicated to protecting farmland. The reception, hosted by Garrison Keillor and his wife Ulla Skaerved, Dr. Armand Hammer, Mr. and Mrs. David Rockefeller and Mr. and Mrs. Louis R. Benzak, will take place Monday, December 3, from 5:30 p.m. to 8 p.m. at the Galleries, located at 33 West 57th Street.

Armstrong, whose watercolor paintings depict America's rural areas and farmland, has exhibited in New York for twenty years. This presentation, entitled "Our Disappearing American Landscape", is Armstrong's seventh one-man show at the Hammer Galleries. In addition to the reception, a portion of the proceeds from the sale of Armstrong's paintings during the exhibition will be donated to support the American Farmland Trust's programs.

"I'm honored that my work will benefit the worthwhile efforts of the American Farmland Trust," said Armstrong, who lives on a historic farm in Lycoming County, Pennsylvania. "To preserve irreplaceable natural resources, we must all realize our responsibility towards our endangered landscape."

The American Farmland Trust (AFT) is the nation's only nonprofit, membership organization solely dedicated to preserving America's valuable agricultural resources. With the support of 20,000 members, AFT works to stop the loss of productive farmland and to promote farming practices.

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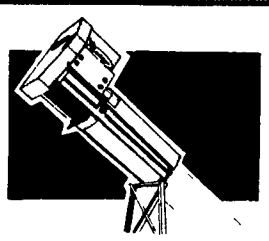

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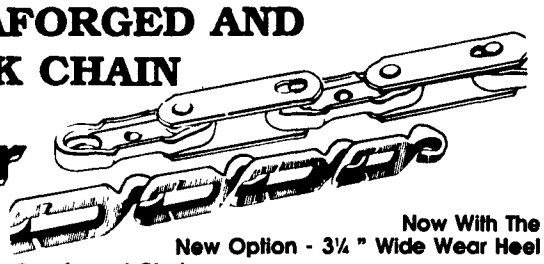
Badger



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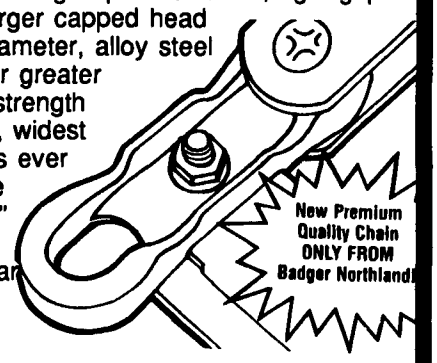

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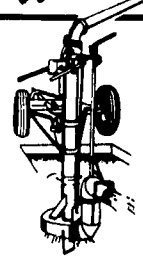

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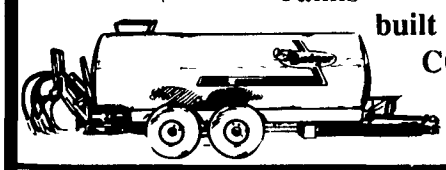

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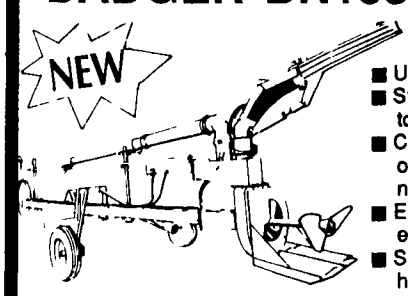

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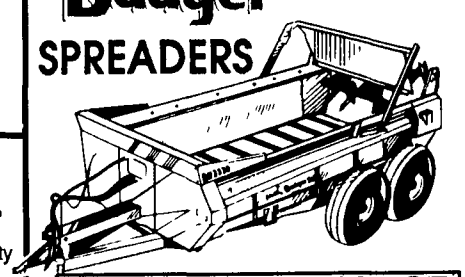

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Teenager Inspires Others

MARY LAEGER-HAGEMEISTER
Dauphin Co. Correspondent

MILLERSTOWN (Perry Co.) — Her eyes are twinkly, almost as if little lamps are hidden behind them. A cheery nature and sense of humor make her a fun person to be around.

"She's someone almost everyone likes," comments her mom. "At school she is a motivator to the rest of her classmates. With other people she is a caring, sensitive individual. An all-around good kid."

Her name is Krista Byers, a 15-year-old freshmen at Greenwood High School, Millerstown. While many words describe this young lady, "achiever" describes most aspects of her life. Krista is involved in an array of activities and has achieved many awards and recognition in them. The most recent being named 1990 Perry County Grange's Junior Princess. She also won the piano award at the state Junior Grange competition held at St. Francis College, Loretta, in June 1990.

In addition to these two outstanding awards with the Grange, she was named Star Greenhand in 1989, which is awarded to the most outstanding ninth grader from the Greenwood Chapter of FFA. She serves as historian and safety committee co-chairperson for her local chapter as well. Her animal projects include steers and lambs of which she is very proud. Her interest in agriculture extends to 4-H in which she is enrolled in swine projects.

"I actually love my pigs! I know that sounds weird, but I think they're cute. I couldn't live without my animals!" she exclaims.

When asked what she likes best about living on a farm, she claims that it is the animals, "I can't live without them! Farming is hard work but I like it. I don't really like all the really hard manual labor, but it has taught me responsibility." Her responsibilities include involvement in hockey, basketball, softball, class president, member of student council, and on the executive committee for SADD (Students Against Drunk Driving). In addition, she is the student correspondent for the county paper, ***Wild Cat.***

Her interests do not stop there. Krista is also active in her church. Recently she has started sharing the responsibilities of church pianist. She has also helped to reorganize the youth group for which she is the historian. Although she is very busy with her school, community, and church activities, she does have time for some hobbies. One of them is playing the piano — something she has done for 10 years. Her love for animals carries over to her hobby of tending her horses.

Like typical teenager, Krista prefers to spend her free time on week-ends at the mall and the movies.

Fighter

There is one major event in Krista's life that labels her a fighter. Shortly after she received the state Grange piano award in June, Krista was involved in a terrifying automobile accident. It took two hours to pull her from the car and involved a helicopter ride to Geisinger Medical Center, where she spent the next five weeks.

It took eight hours of surgery to reconstruct her face. Her upper right leg bone was smashed, her elbow muscles were torn and had so much glass in it that it could not be put in a cast. Doctors feared she would lose her right arm, but extensive surgery and therapy has paid off. She can play the piano, but has not regained full use of arm movement.

Her determination and fighting nature continues. She is optimistic that she will again play on the basketball team since she has progressed further than doctors predicted. Despite the pain and suffering Krista had to endure, she didn't give up nor did she lose her sense of humor. She does admit that she did, and still does get discouraged, but is determined to make the best of it.

Helping her get through the whole ordeal has been possible because of her family and friends. Since her Aunt Sue had a more flexible schedule, she spent many hours with her at the hospital as Krista was going through therapy preparing to go home. In addition to the numerous visits by all her family and friends, she received more than 350 cards and 25 stuffed animals. "I don't think I even had a stuffed animal before this happened, but I sure have a collection now!"

Her right leg also limits her ability to be fully involved in all the sports activities that have kept her so busy in years past. But it has not stopped her from trying.

"I can't play, but I do go to basketball practice," she said. "I've been learning to shoot with my left hand, so when I do get my other hand back I'll be a better player. So that's positive."

She also can see other positive aspects from the accident. She said, "Since the accident I have learned to really appreciate everyone more — I think I'm a better person because of it. I know I'm more religious, I pray more!"

The support from her family and friends also helped Krista to realize how rich she is with the blessings of these special people "They're what helped me get through it."

Her body will continue to heal and she'll continue to re-align her goals. However, she does have some specific goals for which she is aiming. One short-term goal is to be a state officer for FFA.

She said, "I attended a conference at Penn State and saw what the officers do. I decided that I could do that and now that's one of my goals."

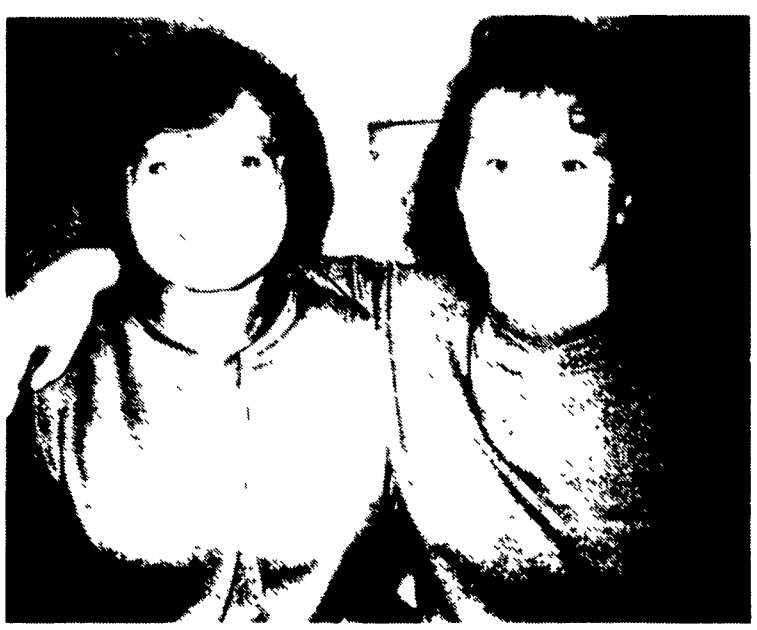
Her long-range goals also include agriculture. After high school she plans to go to college to become an agriculture teacher. She attributes her interest in this area partially to Miss Baker, her agricultural teacher at Greenwood. While Miss Baker has had an influence in her future career dreams, there has been a bigger influence in her life.

When asked who the biggest influence has been in her life she did not hesitate to name her mom and dad, Linda and Edgar Byers.

"They encourage me to do my best and accept me for who I am. They are both good listeners. They show a lot of love and that really helps!" Krista said.

Krista also claims her mother is her best friend — someone who is always there for her. Krista's various attributes, successes, and tribulations have and will continue to form a unique individual. In her mom's words, "She's a special kid - an inspiration to us!" and many others as well.

Krista received these trophies through her achievements in sports, 4-H, FFA, and Grange activities.



Krista said her best friend is her mother, Linda Byers.

Krista and one of her friends enjoy the stuffed animals Krista received during her five-week hospital stay.

Homestead Notes

New 'Weigh' Of Life

CREAMERY (Montgomery Co.)— The new program developed by Penn State University, is a series that focuses on eating patterns and keeping a record of food intake; using food exchanges instead of counting calories; and learning the essentials of good basic nutrition. The workbook stresses sound eating practices and provides practical skills for making permanent dietary changes. This is a 12-week weight loss series.

New Weigh of Life addresses positive attitudes toward exercise. Other areas that will be covered are changing eating patterns, dealing with food in social situtations and enchancing self esteem. Class size will be limited. The classes will be held at the Montgomery County 4-H Center, Route 113, Creamery, on Monday evenings from 7-9 p.m., January 7 through March 25, or Tuesday mornings 10 a.m. to 12 noon, January 8 through March 26. The costs of registration is $35 due by December 20. For more information contact the 4-H office at (215) 489-4315.

In a caption that appeared last week in Homestead Notes, an unidentified post office customer was identified as Don Statler. We regret the error.

On being a farm wife - And other hazards

Joyce Bupp

It was impossible not to laugh.

Frustration evident in her voice over the phone, a good friend was lamenting her experience with a classic holiday season problem.

One particular item she desperately sought was still unbought. Even after trudging through seven - count 'em - different stores of the area, a game high on her daughter's "wish" list was simply not to be found. The irony of it was hilarious to someone not frantically searching for this particular game - titled "Mall Madness."

While I love board games, I was unfamiliar with this new one. But it was easy to speculate on the strategy. Players would move around a board in search of items to buy, beset by all sorts of shopping pitfalls.

A few immediately come to mind. Parking spots available only beside giant water puddles, construction mud, or a quarter-mile away from the entrance. Shopping carts with defective, bumpy and "draggy" wheels, causing players to veer off into stacks of noisy, breakable merchandise. Having to shop with a pair of tired, cranky toddlers in tow. Lose points when you raise your voice and snarl, "If you don't settle down, I'll give you something to cry about." Being given rainchecks on some highly advertised item which you purposely went to get, and on which there were maybe two in stock to begin with.

(A few days later I came across a description of Mall Madness, indicating that players got credit cards to "buy, buy, buy" their way around the game. Training for adulthood, no doubt.)

But negotiating holiday shopping landmines - like the mall parking lot racedriver who nearly ran me down a couple of days ago - is just the first part of the game. Next comes sneaking the loot home and keeping it hidden from the recipients until the moment of unwrapping.

Finding suitable hiding spots in our house was always one of the great challenges of the season. There were few spots on the four floors where the kids weren't apt to snoop, if the opportunity arose. So over the years, a couple of successful ones saw annual use.

Bottom of the dirty clothes hamper, covered with an old sweatshirt or grubby jeans, proved a winner. Gifts could have stayed there through July 4th, safe from snoopers who favored leaving dirty laundry on bedroom floors.

Another package safe haven was in the cabinet beneath the basement laundry room sink. Since there was alway the concern that a pipe could spring a leak, wrapped and ready gifts stashed there went into large, heavy garbage bags capable of shedding potential accidents.

Take note that both these locations are related to cleaning and feel free to adapt to your own household. What kids are going to go rummaging around in areas devoted to the acoutrements of housework?

Just about the time I was patting myself on the back for all these years of finding such clever hiding spots, the inevitable, ego-shattering comeuppance happened.

Year after year, since they were old enough to start peeking, the handiest spot for hiding smaller items until Christmas Eve was our picnic cooler. It generally saw its last seasonal use during September's fair week, then went into hibernation in the attic until it was dragged out to do service during a January Farm Show. Its location at the top of the attic stairs was real handy for plunking in little gifts as acquired.

About this time last year, I went upstairs for something and discovered in a new location a few clothing gifts I was dead certain had been hidden in the cooler. But, last year, the cooler was snagged for a new use - deer hunting season. I figured I'd been found out - but not a word was said.

A few weeks later, packing food for our Farm Show stay, I lifted the cooler lid and found a small note in our son's unmistakeable handwriting.

"Looking for something?" sarcastically asked the torn slip of paper.

Scratch that hiding spot.

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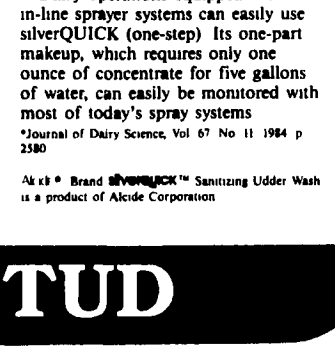

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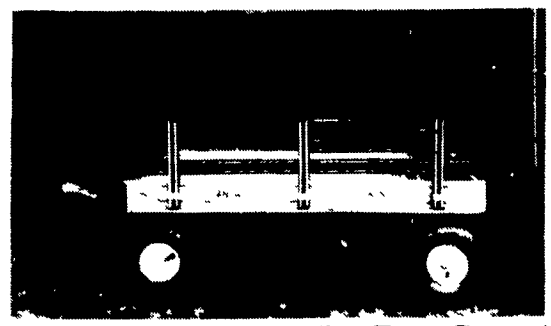

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*Journal of Dairy Science, Vol 67 No 11 1984 p 2580

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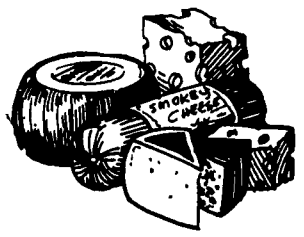
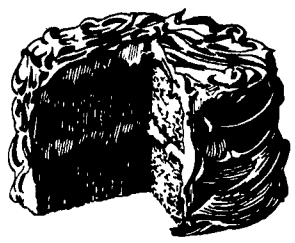


Home On The Range



'Yule' Love These Holiday Beverages

If you haven't tasted non-alcoholic cheers, these recipes are for you. Dairy cheers add a festive, frothy taste to your holiday entertaining. They look as if they take hours to make, but preparing them is a snap.

One of the first things you'll notice about the cheers recipes is their variety. Milk mixes well with many fruit juices and other non-alcoholic ingredients, taking the edge off the sharp flavors sometimes found in juice concentrates.

This holiday season, serve cheers to your family and guests for a joyous holiday season.

CHEER TIPS

Preparation:

- Chill the punch bowl, glasses, and all ingredients before mixing.
- Use large blocks of ice to keep punch cold on the table; they melt more slowly than ice cubes.
- Garnish for an appetizing appeal

Note: For a more festive touch, make ice rings that contain non-dairy ingredients like mint or fruit. Food colorings can also be used in the ice or punch to brighten up the punch and not affect the taste.

SERVING:

- Always serve cheers beverages cold.
- Serve cheers punch as soon as it is prepared. A mixed punch that stands in a refrigerator will lose consistency and flavor.

STORING:

- Extra punch should always be refrigerated.
- Before serving, mix refrigerated punch in blender.

CREAMY PEPPERMINT SHAKE

2 cups milk
½ cup crushed peppermint candy
1½ pints vanilla ice cream

Place milk and candy in blender and mix. Add ice cream and process until smooth and creamy. Makes 6 servings.

Rebecca Fogleman
Lycoming Co. Dairy Princess

PINK WITCH PUNCH

1 quart cold milk
1 6-ounce can lemonade, thawed
1 pint strawberry ice cream, softened
1 quart cold ginger ale

Beat first three ingredients together in blender or large mixing bowl. Add ginger ale, blending slowly. Serve cold. Garnish with a strawberry.

Makes 20 ½ cup.

Betty Buffington
Millersburg

HOLIDAY SPARKLER PUNCH

½ cup grenadine
1 cup grape juice
1 cup pineapple juice
1 cup grapefruit juice
1 cup orange juice
Add 1½ quarts ginger ale

Peg Koser
Lancaster

PINK REFRESHING PUNCH

1 6-ounce can frozen lemonade
1 6-ounce can frozen orange juice
5 cups water
⅔ cup grenadine
1 quart ginger ale

Peg Koser
Lancaster

FROZEN EGGNOG RING

Red candied cherries
Green spearmint leaf candies
2 cups dairy eggnog
2 cups milk

Decorate bottom of a 4½ cup ring mold with candied cherries and spearmint leaves. Combine eggnog and milk. Gently pour small amount of eggnog mixture into mold. Freeze until solid. Pour in remaining eggnog mixture. Freeze several hours or overnight. Dip frozen ring in hot water and carefully unmold into punch bowl. Serve immediately.

Heidi Minner
Mercer Co. Dairy Princess

FROSTY ORANGE COW

2 cups cold milk
2 cups vanilla ice cream, softened
1 6-ounce can frozen concentrated orange juice

Place all ingredients in a blender. Mix until smooth and frothy. Serve immediately in tall chilled glasses. Makes 4½ cups.

Frozen concentrated apple juice, ¼ teaspoon cinnamon and ¼ teaspoon nutmeg may be used in place of the orange juice.

Tonya Scholl
Dauphin Co. Dairy Princess

CHERRY SWIZZLE

1½-ounce envelope unsweetened cherry-flavored soft drink powder
1 cup sugar
2 cups cold milk
1 quart vanilla ice cream
3½ cups carbonated water

Combine soft drink powder and sugar. Dissolve in milk. Pour into glasses. Add scoops of ice cream. Resting bottle on rim of glass, carefully pour in carbonated water to fill each glass. Stir to muddle slightly. Serves 6 to 8.

Heidi Minner
Mercer Co. Dairy Princess

Pennsylvania Dairy Promotion Program is pushing non-alcoholic drinks made with milk. More than 240 restaurants across the state are using the CHEERS materials in the promotion.

SANTA'S SURPRISE

1 gallon vanilla ice cream
1 46-ounce can pineapple juice, chilled
10 7-ounce bottles lemon-lime soda, chilled
2 6-ounce cans frozen orange juice

Combine pineapple and orange juices in punch bowl. Slowly pour in lemon-lime soda. Ice cream can be scooped directly into punch bowl or individual glasses. Top with maraschino cherry. Makes 30 cups.

Heidi Minner
Mercer Co. Dairy Princess

WHITE RUSSIAN

2 cups milk
3 tablespoons maple syrup
1 scoop vanilla ice cream

Combine all ingredients in blender until frothy. Serves 2.

PA Dairy Promotion

FUZZY NAVEL

1 cup milk
1 cup orange juice
½ cup sliced peaches
2 scoops vanilla or peach ice cream

Combine ingredients in blender until smooth and creamy. Serves 2.

PA Dairy Promotion

PURPLE COW

1 cup milk
2 scoops vanilla ice cream
3 tablespoons grape juice concentrate

Combine all ingredients in blender until smooth and creamy. Serves 2.

Heidi Minner
Mercer Co. Dairy Princess

PINA COLADA

1 cup milk
½ cup ginger ale
½ cup crushed pineapple
½ teaspoon coconut flavor
5 ice cubes

Combine ingredients in blender until frothy, about one minute. Serves 3.

PA Dairy Promotion

CHOCOLATE BANANA SHAKE

2 cups cold milk
¼ cup powdered chocolate flavoring for milk
½ pint vanilla ice cream
1 ripe banana
½ teaspoon banana extract

Blend milk, chocolate flavoring, ice cream, banana and banana extract in a blender until smooth. Pour into chilled glasses. Garnish with a banana slice dipped in chocolate sprinkles, if desired. Serve immediately. Yields 3 cups.

OLD-FASHIONED HOT MULLED CIDER

½ gallon fresh apple cider
½ cup brown sugar
1 teaspoon allspice
1 teaspoon ground cinnamon
1 apple studded with whole cloves

Add sugar and spices to apple cider. Float clove-studded apple in mixture. Heat to boiling, reduce heat and simmer for 10 minutes. Serve in mugs garnished with orange slices.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

15- Gifts From The Kitchen
22- Cooking For The Holidays
29- Friendship Dough Recipes

Featured Recipe

This holiday season, smart hostesses will be serving cheers non-alcoholic dairy beverages. Cheers beverages are easily prepared in an array of exotic tasting punches and cocktails. Recognizing the need to serve alternative beverages that are exciting and tasty, party planners and banquet hall managers are using cheers recipes this holiday season to keep their clientele happy, healthy, and sober.

In an effort to remind consumers that safe holiday entertaining can utilize the great taste and flavor of milk, The Pennsylvania Dairy Promotion Program is telling the story of cheers. The PDPP is providing restauranteurs and food service operators with point of purchase materials, waitstaff stickers and free recipes to share with customers. More than 240 restaurants across the state will be using cheers materials.

No need to go away to have one of these delicious drinks, try these recipes at home. Don't be surprised if your family wants a cheers beverage every day. Besides tasting good, cheers beverages are good for you. They are rich in calcium, low in fat, and contain high-quality proteins.

GRASSHOPPER

5 cups milk
8 scoops vanilla or mint chocolate chip ice cream
2 teaspoons peppermint extract
5 drops green food coloring

Combine ingredients in blender until smooth. Top with whipped cream. Yields ½ gallon.

IRISH COFFEE

2 cups whole milk
4 cups cold black coffee
4 scoops vanilla or coffee ice cream

Blend ingredients together in blender, top with whipped cream. ixture can also be served hot. Yields ½ gallon.

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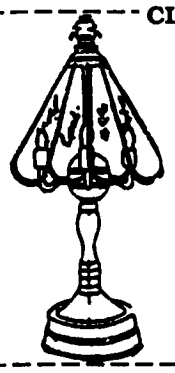

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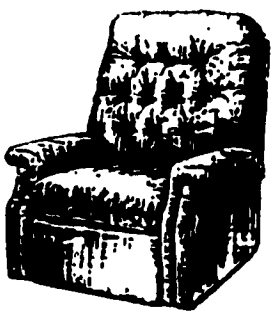

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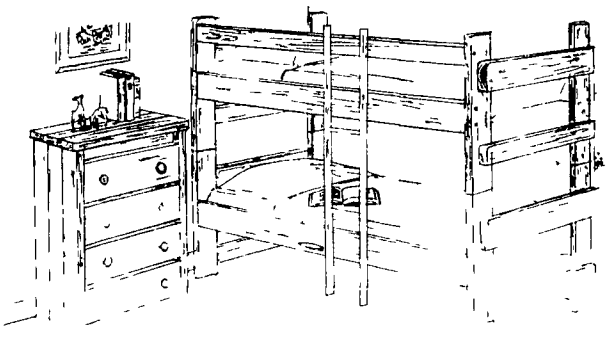

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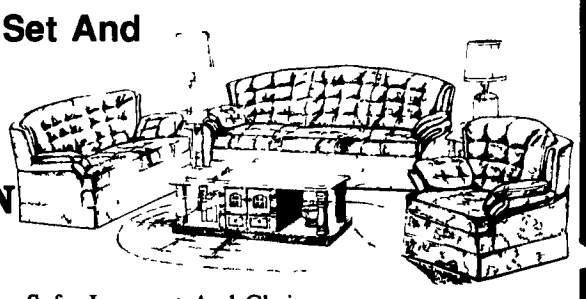

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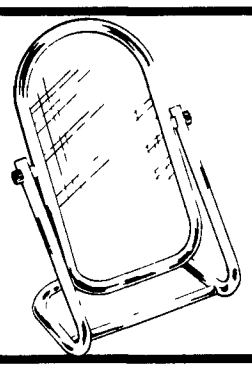

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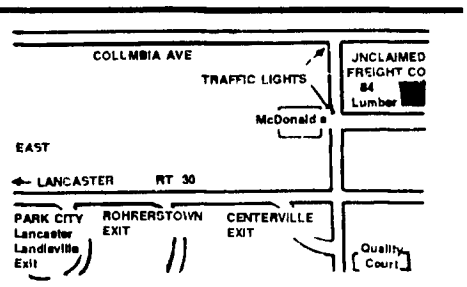

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Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — A Bird-in-Hand reader requested a recipe for broccoli soup to can. According to a Lititz reader, the one that was printed in the August 18 issue can be frozen, but is a flop if canned. Do any of our readers have one that can be canned?

QUESTION — Mrs. Ed Snyder, Manheim, asks for a recipe called Rebecca's Rolls.

QUESTION — Jean Aurand, New Bloomfield, would like a recipe for diabetic fudge.

QUESTION — Tracy Moyer, Reading, would like to know how to make cotton candy.

QUESTION — Myah Tielman, Lehighton, would like a recipe for a round loaf of rye bread similar to that which had been sold by Fritzinger's Bakery, Walnutport, which is now out of business.

QUESTION — Dianne from Halifax requests a recipe for yogurt coating used on pretzels, peanuts, and raisins.

QUESTION — Lonnie Tuttle, Bainbridge, NY, would like recipes for cheese made from sheep's milk.

QUESTION — Jay Struble of State College requests the recipe for V8 tomato juice that had appeared in this column recently. He lost it.

QUESTION — Betty from Pennsylvania would like a bologna recipe for venison that tastes like Seltzer's Lebanon Bologna.

QUESTION — Mrs. Hugh Hovermale, Whitacre, Vir., would like recipes for low sugar candy.

QUESTION — Gladys Leatherwood, Mullica Hill, N.J., would like a recipe for Yankee Bean Soup.

QUESTION — Mary Gardner, Newburg, would like recipes for pasties, which is a combination of vegetables with a dough wrapped around it. In Minnesota and Michigan, restaurants serve them plain or with gravy.

QUESTION — Hoffman Brothers Farm would like a recipe for chocolate or vanilla or peanut butter fudge that isn't so sweet.

QUESTION — William Lucas Jr., of Warfordsburg, would like to know how to roast chestnuts over an open fire or other methods of preparing them to eat.

ANSWER — Carla Lange, Malvern, requested a recipe for lemon poppy cookies. Thanks to Mrs. Stanley Martin, Liverpool, and to Donna Lencoski, Latrobe, for sending recipes.

Poppy Seed Cookies

2 cups flour
½ teaspoon salt
4 teaspoons poppy seed
1 cup butter, softened
⅔ cup granulated sugar
3 egg yolks
½ teaspoon grated lemon peel
1 teaspoon vanilla
2 cups corn flakes, crushed

Stir together flour, salt, and poppy seed. Set aside. Beat butter, sugar, egg yolks, lemon peel, and vanilla until well combined. Add flour mixture, mixing well. Shape dough into 1-inch balls. Roll into crushed corn flakes. Place on ungreased cookie sheet. Flatten slightly. Bake at 350 degrees for 10 to 15 minutes or until edges are slightly browned. Yields 4 dozen.

Lemon Poppy Cookies

1 cup butter
½ cup confectioners' sugar
2¼ cups flour
Dash salt
1 teaspoon lemon flavoring
3 teaspoons poppy seeds

Blend together ingredients in a bowl. Drop by tea spoonfuls on ungreased cookie sheet.

Bake for 12 to 15 minutes at 375 degrees. Sprinkle with extra confectioners' sugar. Makes 3½ dozen cookies.

ANSWER — Nancy Zuck, Elizabethtown, requested a recipe for opera fudge. Thanks to JoAnn Bronson, Pottstown, and to Anita Moyer, Bernville, for sending recipes.

Opera Fudge

2 cups sugar
½ cup milk
½ cup light cream
1 tablespoon light corn syrup
1 tablespoon butter
1 teaspoon vanilla
½ teaspoon salt

Butter the sides of a heavy 2-quart saucepan. In it, combine sugar, milk, cream, corn syrup, and salt. Cook and stir over medium heat until mixture boils. Cook to 238 degrees (soft boil stage) stirring occasionally. Remove from heat. Add butter and vanilla, but do not stir. Cool to lukewarm, then beat vigorously, about 10 minutes, until mixture becomes very thick, starts to lose its gloss, and becomes creamier. Spread in a buttered loaf pan. Score while warm; cut when firm. Makes about one pound.

Variations: Add ¼ cup chopped candied cherries before spreading in pan or add ¼ teaspoon almond extract with vanilla and ⅓ cup chopped toasted almonds before spreading in pan.

Opera Fudge

2 cups heavy cream
4 cups sugar
Parafin wax (¼ cup to 1 cup chips)
½ cup margarine
24-ounces real semi-sweet chocolate chips

Mix cream and sugar together and bring to a boil on medium-high heat, stirring constantly. As soon as it begins to boil, stop stirring and let boil until it comes to the soft ball stage, about 10 to 15 minutes. Pour it into a buttered pan. Let cool. When mixture is cool, work with clean hands until it turns thick and creamy, about ½ hour. While working with hands, mix in the butter. When it turns creamy and thick, add peanut butter, coconut, vanilla, peppermint oil, or flavor desired or leave it plain. Roll into small balls, cool until firm and cold. Bring a saucepan of water to a boil; set a small deep dish in it with the chips and wax. Stir until chips are melted. Take a hat pin and dip the balls. Place on wax paper. Refrigerate until ready to eat.

ANSWER — Mary Gardner, Newburg, requested a recipe for potato dumplings. Thanks to Eva Southard, Glen Rock, and to Linda Bartas, Port Allegheny, for sending recipes.

Potato Dumplings

1 teaspoon grated onion
2 eggs, well beaten
2 cups mashed potatoes
½ cup flour
1 teaspoon salt
½ teaspoon baking powder
¼ cup dry bread crumbs, crushed
⅛ teaspoon pepper
Hot stock or stew

Add the onion, lemon peel, and eggs to the potatoes. Mix thoroughly. Sift flour with salt and baking powder. Add crumbs and pepper to the potato mixture. Beat. Drop from a tablespoon into the simmering hot stock or into meat or chicken stew, about 30 minutes before serving. Cover tightly and simmer 30 minutes without removing lid during the cooking time.

Dutch Potato Dumplings

9 medium potatoes
1 teaspoon salt
3 eggs, well beaten
1 cup flour, sifted
⅔ cup bread crumbs or farina
½ teaspoon nutmeg
1 cup fat
½ cup bread crumbs
2 tablespoons chopped onions

Boil potatoes in jackets until tender, remove skins and put potatoes through ricer. Combine potatoes, salt, eggs, flour, bread crumbs, and nutmeg in a bowl. Mix thoroughly. Form mixture into dry balls about the size of walnuts (if mixture is too moist, add more bread crumbs). Drop the balls into boiling salted water. When balls float to the surface, boil 3 minutes more, uncovered. Remove one ball from liquid and cut open. If center is dry, they are sufficiently cooked. Remove balls from liquid to a hot platter and pour over a dressing made as follows: Brown oil in skillet; add bread crumbs and onions or 2 tablespoons mushrooms; cook for several minutes. Dumplings may be reheated in a double boiler several times without impairing the flavor. Serves 12.

(Turn to Page B14)

'Yule'

(Continued from Page B6)

HEAVENLY HOLIDAY PUNCH

In a punch bowl, mix:
1 46-ounce can pineapple juice
1 quart ginger ale
2 quarts water
2 cups sugar
1 package raspberry Kool-aid
1 package cherry Kool-aid

Add scoops of raspberry sherbet or rainbow sherbet and serve.

Pam Martin
Chambersburg

CHOCOLATE SOPHISTICATE

2 cups milk
2 tablespoons powdered chocolate flavoring for milk
1 pint chocolate ice cream
½ teaspoon almond or peppermint extract

Blend milk, chocolate flavoring, ice cream, and extract in blender until smooth. Serve immediately in chilled dessert glasses. Yields 4 cups.

CHOCOLATE PEPPERMINT SHAKE

2 cups milk
¼ cup powdered chocolate flavoring for milk
½ pint chocolate ice cream
2 tablespoons crushed peppermint stick candy

Blend milk, chocolate flavoring, ice cream, and candy in blender until smooth. Pour into chilled glasses. Garnish with peppermint stick, if desired. Serve immediately. Yields 3 cups.

STRAWBERRY DAIQUIRI

2 cups milk
2 cups frozen strawberries, slightly thawed
1 teaspoon sugar
5 ice cubes

Combine ingredients in blender until frothy. Serves three.

PA Dairy Promotion

ORANGE EGGNOG

4 cups eggnog
2 10-ounce bottles ginger ale, chilled
1 6-ounce can frozen concentrate orange juice, thawed

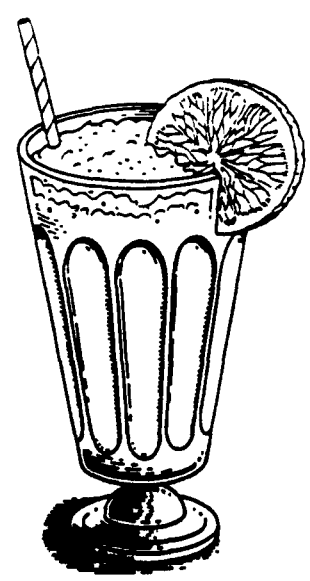
Just before serving, combine eggnog, ginger ale and orange juice. Stir occasionally. Serves 7.

PA Dairy Promotion

PINEAPPLE BANANA SMOOTHEE

1½ cups pineapple juice
½ cup powdered milk
1 ripe banana sliced
2 scoops vanilla ice cream or pineapple sherbet

Blend juice, powdered milk, and banana. Add ice cream or sherbet. Blend until mixture is smooth. Makes 2 drinks.



MICROWAVE MINUTES

By JOYCE BATTCHER

When you want hors d'oeuvres to bring to a holiday party or to serve at your own party, turn to your microwave for help. It simplifies preparations ahead of time and helps in last-minute heating.

Broccoli Cheese Ball doesn't use a lot of actual microwave cooking, but the convenience of thawing the broccoli and softening the cream cheese makes your microwave indispensable. This tasty combination of cheeses and seasonings can be shaped into a ball or molded into a holiday shape. Lush green chopped parsley dotted with flecks of brilliant red pimento shaped into holly berries makes this cheese ball as good to look at as to eat.

Festive Spinach Chicken Appetizers are a lower-calorie version of the popular spinach-ball recipe. Here, the chicken and egg whites replace whole eggs and butter. Again, your microwave makes preparation quick and convenient. And it also makes last-minute heating a breeze. A simple (and eatable!) garnish of cherry tomatoes adds a contrast to the evergreen-green of the spinach chicken balls for a festive note.

Finally, I've included Updated Homemade Eggnog, a less-rich and a safe version of a holiday favorite. Nowadays, homemade eggnog must be cooked to kill *Salmonella enteritidis* bacteria, illness-causing bacteria that may be present in eggs. Even refrigerated Grade A eggs with uncracked clean shells can be contaminated, so food experts and the U.S. Department of Agriculture recommend that all eggs be cooked. Commercially prepared eggnog doesn't need cooking, since it's been pasteurized. Follow the detailed directions in the recipe to make your homemade eggnog the safe way.

Broccoli
Cheese Ball

1 package (10 ounces) frozen chopped broccoli
1 package (8 ounces) low-fat cream cheese
2 tablespoons low-fat sour cream
2 teaspoons Dijon mustard
¾ teaspoon dried basil leaves
6 drops hot pepper sauce
2 cups shredded (8 ounces) Swiss cheese
3 tablespoons finely chopped onion
Chopped fresh parsley
Diced pimento
Crackers

Place broccoli, still in box (or if in foil package, remove from box to microwavable dish), in microwave. Microwave (High) 3 to 4 minutes or until broccoli is thawed. Drain well and set aside.

Place cream cheese in 2-quart microwavable casserole or bowl. Microwave (High) 30 seconds. Stir to soften. With a fork, stir in sour cream, mustard, basil and hot pepper sauce until smooth. Stir in Swiss cheese, onion and drained broccoli. Form into a large (or 2 small) ball(s); roll in chopped parsley until evenly coated. Wrap tightly in plastic wrap and chill at least 3 hours or until firm. Unwrap and place on serving plate. Garnish with pimento dices arranged to form holly berries. Let stand about 30 minutes to soften slightly before serving. Serve with crackers. Makes 15 to 30 servings.

Each serving — 1/30 of recipe: 50 calories, 3g protein, 4g fat, 1g carbohydrate, 93mg sodium, 12mg cholesterol.

Variation: Line a 7¼ x3½ -inch loaf pan or a gelatin mold (Christmas tree, wreath or other shape) with several layers of plastic wrap, letting plastic wrap extend over pan edges. Press cheese mixture firmly into mold. Cover with plastic wrap and chill at least 3 hours or until firm.

Unmold onto serving plate. Sprinkle with chopped fresh parsley and decorate with groups of 3 pimento dices arranged to form holly berries. Let stand about 30 minutes to soften slightly before serving. Serve with crackers (Or, cut loaf into 8 to 12 slices and serve on individual plates as a sit-down "eat with a fork" appetizer).

Festive Spinach
Chicken Appetizers

1 package (10 ounces) frozen chopped spinach
1 cup packaged seasoned stuffing crumbs
¼ cup finely chopped onion
½ cup grated Parmesan cheese
2 egg whites
1 can (6¾ ounces) no-salt-added chunk chicken in broth, flaked
½ teaspoon garlic powder
¼ teaspoon dried thyme leaves
¼ teaspoon black pepper
Paprika
Garnish: cherry tomatoes

Place spinach, still in box (or if in foil package, remove from box to microwavable dish), in microwave. Microwave (High) 3 to 4 minutes or until spinach is thawed. Drain and squeeze out excess moisture. Place drained spinach in medium mixing bowl; stir in stuffing crumbs, Parmesan, egg whites, undrained chicken, garlic powder, thyme leaves and black pepper. Mix well. Form mixture firmly into 36 balls, about ¾ inch in diameter. Arrange 18 balls on microwavable serving plate or pie plate. Sprinkle with paprika and cover with waxed paper. Microwave (High) 2½ to 3½ minutes, rotating plate as necessary, or until balls are set. Serve warm. Makes 36 appetizers.

To freeze and serve later: Place uncooked balls on cookie sheet. Freeze until firm. Remove to a plastic freezer bag and keep frozen (up to 1 month) until ready to serve. Cook as above, allowing 4½ to 6 minutes for each 18 balls.

Each serving — 3 appetizers: 77 calories, 7g protein, 3g fat, 5g carbohydrate, 94mg sodium, 14mg cholesterol.

Updated
Homemade Eggnog

3 eggs
⅓ -½ cup sugar
1 quart 2-percent milk
1 teaspoon vanilla
Ground nutmeg

Beat eggs and sugar until well mixed in a microwavable 1½ - to 2-quart measure. Gradually beat in milk. Microwave (High) 9 to 11 minutes, stirring after each 4 minutes, or until mixture reaches 160° F or thickens slightly and starts to coat a metal spoon. Do not overcook. Stir in vanilla. To cool quickly, immediately pour into 2 bowls and refrigerate, stirring occasionally. When cold, cover tightly. Serve with a sprinkle of nutmeg. Makes 9 servings (½ cup each).

Hint: For best results, use a microwave temperature probe (which comes with your microwave oven) or a microwave candy thermometer.

With the probe: Cover measure with plastic wrap. Insert probe through plastic wrap so tip is at least halfway down in liquid but tubing is not touching liquid. Set probe to 160° F, according to directions in your microwave's use and care book. Stir as above to make sure temperature is even throughout. Microwave will shut off when temperature reaches 160° F.

With microwave candy thermometer: Clip thermometer onto side of measure so tip is toward bottom of measure. Stir as above and watch toward end of cooking time. When temperature reaches 160° F, continue as above.

Each serving: 109 calories, 6g protein, 4g fat, 13g carbohydrate, 111mg sodium, 78mg cholesterol.

Questions for Joyce?

Do you have a question about microwave cooking? Send it to Microwave Minutes, % Extra Newspaper Features, P.O. Box 6118, Rochester, MN 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different wattage output, timings may need slight adjustment.

Joyce Battcher is an independent home economist microwave specialist. She is author of "Microwave Family Favorites" and editor of "A Batch of Ideas" newsletter.

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Grassland FFA

NEW HOLLAND (Lancaster Co.) — The Grassland FFA from Garden Spot High School was in the limelight at the 63rd National FFA Convention held recently at Kansas City, Missouri.

The chapter had one of its best years in history, boasting three eastern regional national finalists, and two American FFA degree winners: Lamar Gockley and Delvin Huber.

The chapter's BOAC project (featured in a recent Lancaster Farming series) was selected as the eastern regional winner, making it one of the top four in the United States. The chapter was presented with an original water color painting depicting several scenes from their project, a check for $400 and a plaque for their efforts.

In the FFA's National Proficiency Award Program, two Garden Spot graduates were selected as eastern region finalists in their respective areas of agricultural proficiency. Michael J. Lindenmuth, son of Mr. and Mrs. Gerald Lindenmuth, New Holland, was the east regional finalist in nursery operations. Gregory B. Huber, son of Mr. and Mrs. Ivan Huber, East Earl, was the east regional finalist in agricultural processing. Each received a plaque and check for $250 as their award. They will be receiving a travel allowance as well as another $100 from the Pennsylvania Association of FFA for having previously won first place in the state Proficiency Award competition.

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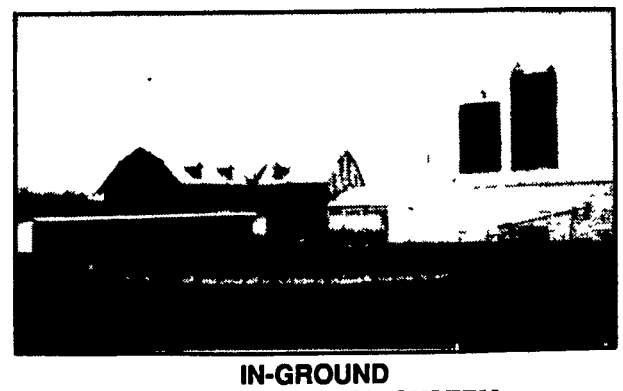

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New Inventions Introduced By Kids

LORIN BEIDLER
Special Correspondent

LITITZ (Lancaster Co.) — "I didn't like to make my bed," says Trevor Styer, a second grader at Kissel Hill Elementary in Lititz.

And what kid does?

So Trevor did something about it. He invented the "Cover Winder" (patents not necessarily pending). The contraption features a spring-loaded winder (a window blind in a previous incarnation) with a typical bed sheet attached. Rather than spreading the covers out nicely and tucking them in, as on a conventional bed, with the "Cover Winder" one simply gives a little tug and the sheets roll up nicely at the bottom of the bed, all ready to be pulled out again come evening.

Trevor's clever device was good enough for third place in Mrs. Jeanne Hopper's class' invention fair and competition.

Hopper explains that as part of the project, each student is assigned to "think of a problem, then invent a solution to the problem — in a way they can create and make it themselves."

The inventions are then put on display and voted on by other teachers and school administrators. While every student receives some sort of award, special recognition is given for the top three inventions at a special ceremony for parents (and the press of course).

Elisa Wolf objected to her dentist's gloves. "Dentist gloves just don't taste good," she said. By treating typical rubber gloves with cherry mouthwash she was able to solve that problem.

Michael Murphy explains how his automatic cat feeder works.

Matthew Bomberger, Michael Murphy and Trevor Styer display the ribbons they won in the recent invention fair held by Mrs. Hopper's second grade class.

Celina Troutman was tired of her glasses getting splattered when she went out in the rain. The solution to her problem was a special rain visor, made from a cutaway plastic picnic plate and a piece of elastic.

Michael Murphy took second place in the competition with his "Automatic Cat Feeder." The device exploits cats' natural curiosity with string. When a cat pulls on a piece of string, a small trap door in the bottom of a plastic container mounted on top of an ordinary cardboard box is opened and a small amount of cat food is dispensed.

The first place ribbon went to Matthew Bomberger, who had the unique problem of getting scratched by his rabbits as he attempted to feed them. His "Rabbit Grabber," a padded glove at the end of a long stick, allows him to gently trap the rabbits while he feeds them.

Hopper, who got the idea for the contest from the "Weekly Reader" magazine, has been conducting the project for the last several years. She stresses that in addition to teaching the students creative problem solving, it is also a confidence booster as well. Students who once thought that they couldn't invent anything find that there's a little bit of inventiveness in all of us.

Dairy Darlings Serve Dairy Cheers To Guests

These Lancaster County Dairy Darlings serve dairy cheers at Kreider's Restaurant on Tuesday night. The Pennsylvania Dairy Promotion Program sponsored the taste-testing event to introduce non-alcoholic cheers beverages. The dairy darlings are Amanda Kobi, left, and Denise Bollinger, right. Amanda is the daughter of Mr. and Mrs. Dennis Kolb, Lancaster. Denise is the daughter of Ruby and Darryl Bollinger, Manheim.

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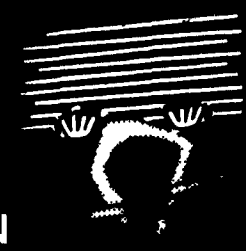
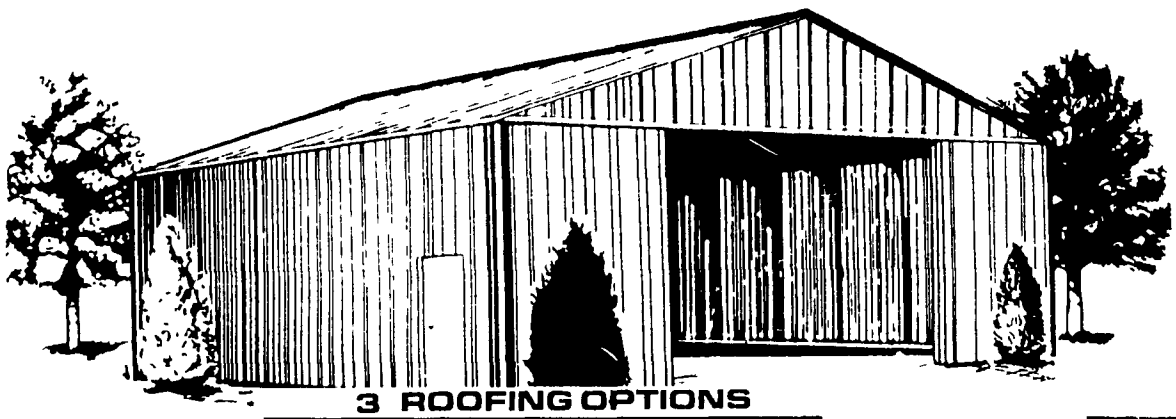


CARTER POLE BUILDINGS



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40' x 64'-12'	$8,175	$ 8,350	$ 8,235
40' x 72'-12'	$ 9,150	$ 9,395	$ 9,195
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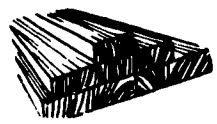

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2"x6"	2.76	3.45	4.14	4.83	5.52	6.66	7.40
2"x8"	3.63	4.53	5.44	6.35	7.25	8.76	9.73
2"x10"	4.80	6.00	7.20	8.40	9.60	11.10	12.33
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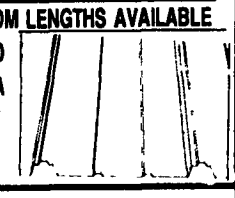

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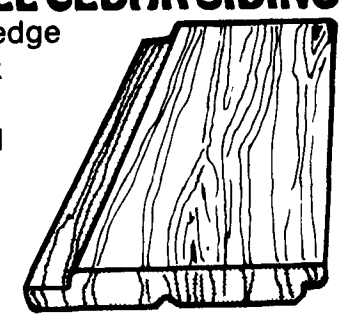

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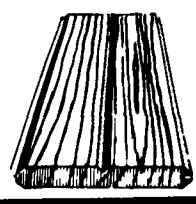

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CARTER 1990

MAMMA spokesperson, Cynthia Kereluk (center), was in Anaheim to receive the the IDFA award and was joined by Jim Click (left) of Marva-Maid Dairy in Reston, Va. and MAMMA General Manager Richard Norton (right).

MAMMA Receives Award For Excellence

TOWSON, MD. — The International Dairy Foods Association (IDFA) recently honored the Middle Atlantic Milk Marketing Association (MAMMA) with the prestigious "Award For Excellence" and named MAMMA's "Bones" television commercial the best generic fluid milk commercial in the nation.

Cynthia Kereluk, MAMMA's spokesperson who appeared in the television spot, accepted the award on behalf of MAMMA and the W.B. Doner Advertising Agency, the ad agency which created the commercial. The presentation was made at the IDFA awards luncheon held recently in Anaheim, California.

Ms. Kereluk is the host and creator of her own exercise show, the "Everyday Workout", which is seen throughout the U.S., Canada, Great Britain, and Europe. In late 1989, Kereluk joined the MAMMA team of spokespersons which include Mike Schmidt, former third baseman of the Philadelphia Phillies; Cal Ripken, Jr., All-star shortstop for the Baltimore Orioles and Georgetown University Basketball Coach John Thompson.

The "Bones" commercial, as it has been dubbed, was Kereluk's first commercial for Mid-Atlantic dairy farmers. Viewers see Kereluk's skeletal image drinking milk and doing simple exercises all to dramatize the importance of milk and exercise to building strong bones.

"Bones" was selected as the number one generic fluid milk commercial in the country based on the commercial's ability to increase milk consumption; to position milk as a critical element in physical fitness and to dramatize milk's calcium benefit through the use of an attention getting visual technique.

The "Awards for Excellence" the dairy industry's Advertising and Promotion Contest, provides the dairy industry with the opportunity to be recognized for creative achievement in the marketing of dairy products.

The awards are sponsored by the Milk Industry Foundation; the International Ice Cream Association; the National Cheese Institute; the American Butter Institute and the National Ice Cream and Yogurt Retailers Association.

The Middle Atlantic Milk Marketing Association advertises and promotes milk and dairy products on behalf of nearly 5,000 dairy farm families in Pennsylvania, Maryland, Delaware, New Jersey, Virginia, and West Virginia. MAMMA is a regional affiliate of the United Dairy Industry Association.

Christmas Tree Care

TOWANDA (Bradford Co.) — When choosing a Christmas tree you should consider a number of different items. Of course most people have personal preferences for certain trees. Oftentimes these preferences relate back to memories of happy Christmases or very beautiful trees. These preferences are important in choosing a tree as they add to the Christmas spirit.

One of the first items you should look for in a tree is freshness. Trees that come from long distances like Lake States Norway pine or Douglas-fir grown in the west will very likely not be as fresh as locally grown sources. The freshest tree is one you cut yourself from your own woods if you have young trees or from a "choose and cut your own" Christmas tree farm. If you purchase a cut tree there are three tests you can use to check for freshness. Number one is the needle test. You should bend the needle and if it breaks and does not bend and spring back it is probably not fresh. The second test is the bump test. This is less reliable than the needle test but it can work. Bump the trees stem on the ground several times to see if needles fall. If a large number of green needles fall the tree is probably not fresh. A problem with this test is that shaking may dislodge old needles that fell off naturally and were caught in the foliage. Number three is the sappy stem test. If the stem is sappy moist it is likely a fresh tree. If the stem is dry, the tree may not be fresh or it may have been bumped on the ground a lot already. To determine freshness you should use all three tests.

There are other things to consider in choosing a tree. Items like needle holding ability, fragrance, and branch firmness are often considered when purchasing a tree.

Once you decide on and purchase a tree there are some tips on keeping your tree fresh. When you bring your tree home, stand it in a bucket of water outdoors or in a cool place indoors. If you leave the tree outside it must be protected from cold, drying winds and the sun. Snow and rain will not harm the tree but heat will cause the needles of some species to dry quickly. When you bring your tree in to decorate it, make a fresh cut across the butt at least one inch above the existing cut. The cut should be smooth and clean to insure the maximum amount of water absorption. Place the tree in a container of water or a stand that has a water reservoir. Keep the reservoir filled above the base of the stem. Check the reservoir often as trees will use a tremendous amount of water, sometimes two quarts per day. If the reservoir is allowed to go dry, it will inhibit the ability to absorb water even if the reservoir is refilled.

In summary there are some things to do to keep your tree and home safe.

1. Keep tree away from fireplaces, radiators, TV sets, heater vents, and anything else that could dry the needles.
2. Keep candles away from the tree and use fireproof decorations and light reflectors. Do not let tinsel touch light sockets.
3. Check all Christmas tree lights for loose connections or bare wires. Lights with brittle or cracked insulation should be replaced instead of patched.
4. Plug in all sets of lights to detect burned out bulbs and short circuits before using them on the tree.
5. Purchase only Christmas lights that are wired in parallel and bear the approval label of Underwriters Laboratory.
6. Don't overload electrical circuits. For a typical home tree with 36 bulbs, you are adding 250 watts to the circuit. A 15 amp fuse is capable of handling a total of 1,500 watts. If a fuse blows, it means the line is overlaoded or attached to defective equipment. Do not replace with a larger fuse.
7. Unplug lights when leaving the room, even for 10 minutes. Never leave the lights on when you are not home.

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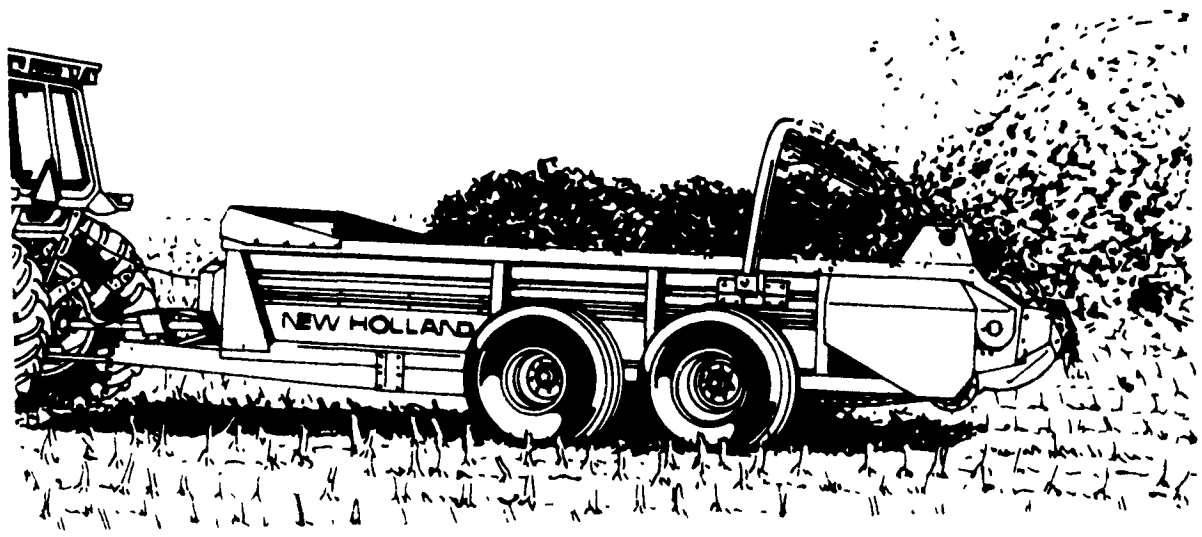

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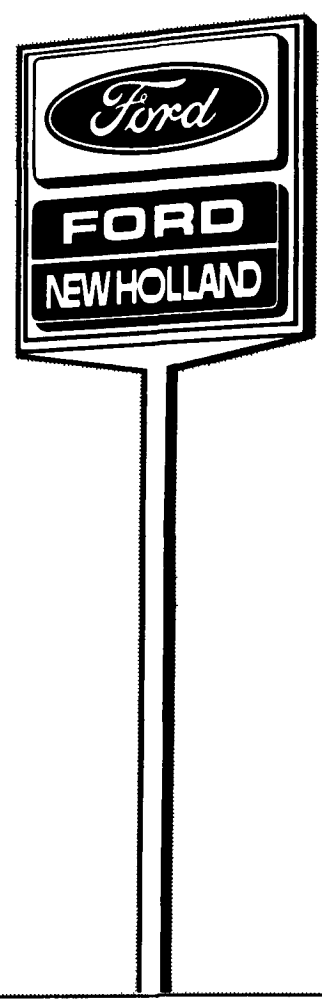

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PDPP & PDA Promotion

HARRISBURG (Dauphin Co.) — This holiday season Pennsylvania consumers are receiving a friendly reminder of the goodness of Real Pennsylvania dairy products. The Pennsylvania Dairy Promotion Program and the Pennsylvania Department of Agriculture have cooperated to conduct a campaign promoting dairy products made with pride in Pennsylvania.

Radio commercials featuring the voice of Doug Jeffers, the voice of Pennsylvania agriculture, are directing consumers to buy real dairy products for the holidays. The promotion also includes newspaper advertisements in which consumers can mail-in a coupon to receive manufacturers' coupons and holiday recipes. Consumers will also receive an offer to purchase a Norman Rockwell holiday tray with the redemption of two real seals and $19.95.

The newspaper and radio campaign is targeted for eleven markets across Pennsylvania-Allentown, Bethlehem, Erie, Harrisburg, Johnstown, Lancaster, Pittsburgh, Reading, Scranton, Wilkes Barre, and York. In each area, PA milk processors have contributed manufacturers' coupons for a variety of dairy products - sour cream, egg nog, ice cream and dips.

The promotional campaign is designed to increase sales of dairy products during the holidays. The message will remind consumers that "there's no better way to butter up holiday guests than Pennsylvania dairy products."

Cook's Question

(Continued from Page B8)

ANSWER — Evelyn Yoke of Dover requested a recipe for Chicken Monterey. Thanks to JoAnn Bronson, Pottstown, for sending a recipe.

Chicken Monterey

¼ cup flour
1-1¼ -ounce envelope taco seasoning mix
16 chicken thighs
¼ cup butter
1 cup crushed tortilla chips
2 tablespoons finely chopped onion
1 tablespoon cooking oil
2 tablespoons flour
1 13-ounce can evaporated milk
¼ teaspoon bottled hot pepper sauce
1 cup shredded Monterey Jack cheese
¼ cup sliced pitted ripe olives
1 teaspoon lemon juice
lettuce

Combine the ¼ cup flour and taco seasoning mix in a plastic bag. Add 2 or 3 chicken pieces at a time and shake to coat. Melt butter in a 15½ x10½ x2-inch baking pan. Place chicken in pan, turning once to butter surfaces. Roll each thigh in crushed chips and return to pan. Bake in 375 degree oven about 50 minutes or until tender.

Make cheese sauce while chicken cooks. Cook onion in oil until tender but not brown. Stir in the 2 tablespoons flour and a pinch salt. Add evaporated milk and hot sauce all at once; cook and stir until thick and bubbly. Cook and stir 2 minutes more. Add cheese, olives, and lemon juice, stirring until cheese melts.

To serve, line a platter with leaf lettuce. Top with shredded lettuce and chicken. Spoon some cheese sauce over the chicken and pass the remainder in a serving dish.

ANSWER — Sandy Merwine, Ashland, requested a recipe for homemade pretzels. Thanks to Linda Bartas of Port Allegheny for answering.

Pretzels

2 cups warm water
2 packages dry yeast
½ cup sugar
2½ teaspoons salt
4 tablespoons butter, softened
1 egg
7-7½ cups flour
1 egg yolk, beaten
Coarse salt
Sesame seeds
Poppy seeds

Dissolve yeast in water. Add sugar, salt, butter, egg, and 3 cups flour. Beat to make a smooth batter. Add enough flour to make a stiff dough. Cover bowl and refrigerate 4 to 6 hours. Lightly flour a bread board. Divide dough into half; cut each half into 15 pieces. Roll each piece until it is 18-inches long. Work fast because the dough is apt to shrink. Shape into pretzel and pinch the ends together. Brush the top of each generously with egg yolk and sprinkle on one of the toppings. Arrange pretzels on a lightly greased baking sheet. Cover with a damp towel and let rise in warm oven for 30 minutes. Bake in 350 degree oven for 15 minutes or until golden brown.

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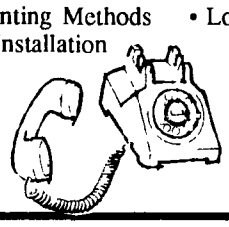

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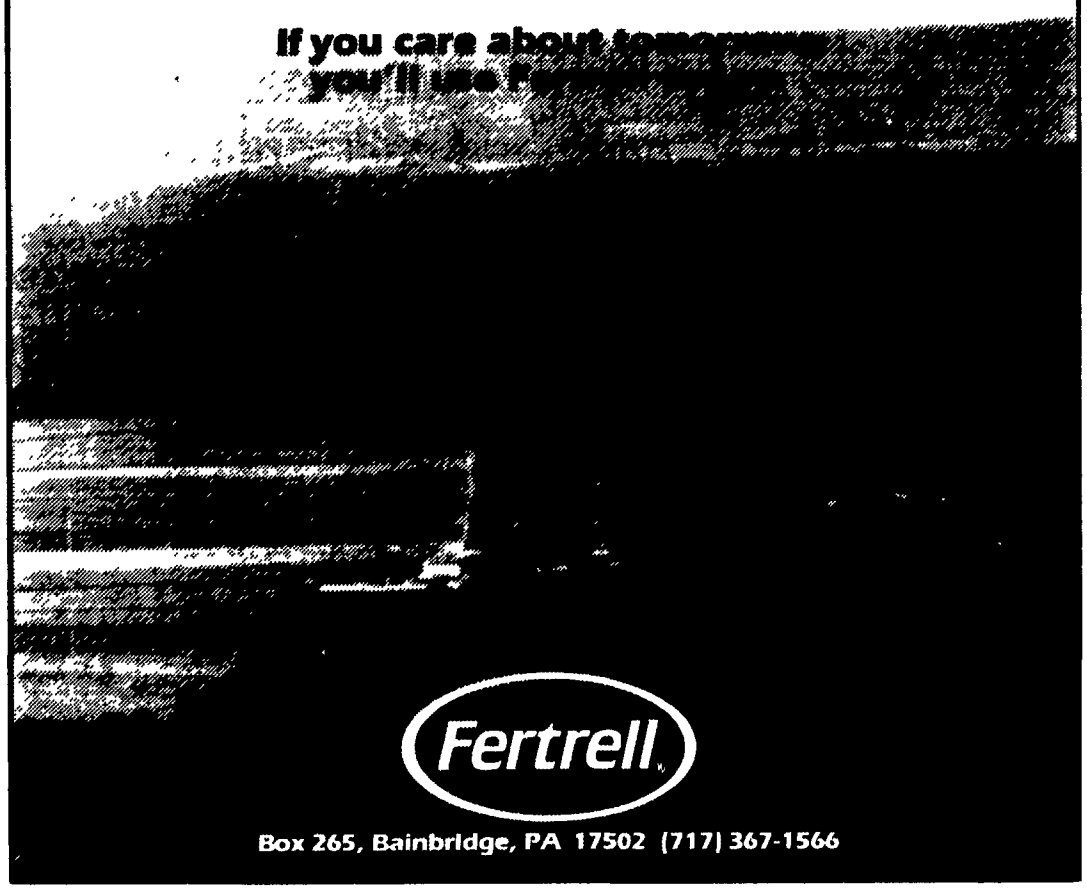

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Be Selective When Buying Toys

One problem involved when buying Christmas toys is that most parents want their children to have everything they had as children. If a parent missed out on something as a child, he or she want their children to have it. In today's world, this means multiplying toy after toy.

At Christmas time, children tend to receive too much at one time, according to Dr. James E. Van Horn, Extension family sociologist at Penn State. It might be better if parents cut down on quantity and spent more for quality.

Children do not need a great many toys. In fact, they usually play with only a few favorites. This makes it especially important to select toys that provide opportunities for different kinds of play.

One of the best ways to know what toys to select for a certain child is to know the child — to become aware of the kinds of activities he really enjoys. Learn his capabilities. What can the child do and handle with satisfaction and safety? What are his interests? When he plays with other children's toys, what does he select?

One prerequisite of a good toy is that the child for whom it is chosen will play with it. Age can serve as a general guide in choosing toys. But keep in mind the child's ability and interest. Many toy manufacturers label toys according to the age range for which they are most suited, and you can use this as a guideline.

The more play possibilities a toy has, the more interesting it will be. Toys that can be used in more than one way stimulate the child to be creative and to use his imagination.

Receive Gifts Graciously

As you and your family members open your gifts this Christmas season, remember that you are making a big impression on children in the way you accept your gifts from them.

Like so many other kinds of behavior, gift giving and receiving is learned. Children grasp this from adults who do the teaching, whether or not they are aware of it.

The subtle teaching and learning goes back to babyhood when a child begins to respond to smiles and attention by returning a smile. He is developing a corresponding affection of his own.

When a child hands an adult an object such as a gift, he learns from the older person how to respond. It might be an expression of appreciation or one of displeasure that he sees.

So, no matter how appropriate ... or inappropriate your Christmas gift from a child may be, remember that it was picked out as an expression of love and needs to be received the same way.

Forecasters say the trend toward healthier eating will continue throughout the 1990s. They also predict that chicken — versatile, convenient and low in fat and calories — will be the meat of the decade. By 1995, the National Broiler Council estimates that per capita chicken consumption will reach 85 pounds. In better restaurants, chicken has moved from being an economy meal to a preferred premium menu item. And in supermarkets, new timesaving chicken products are constantly being introduced.

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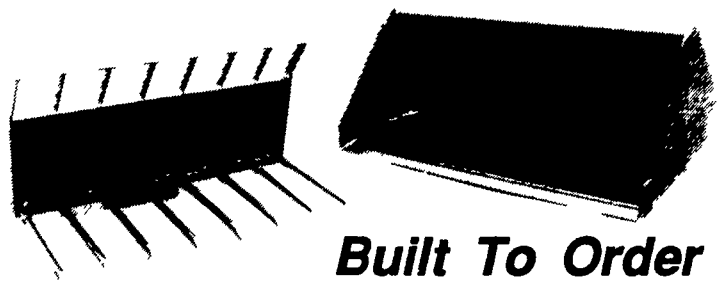

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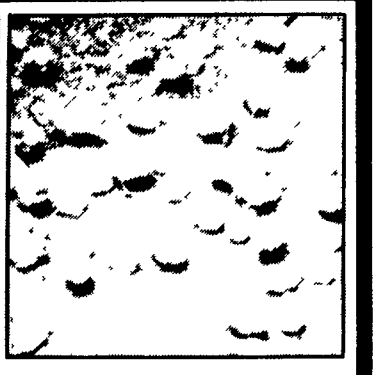

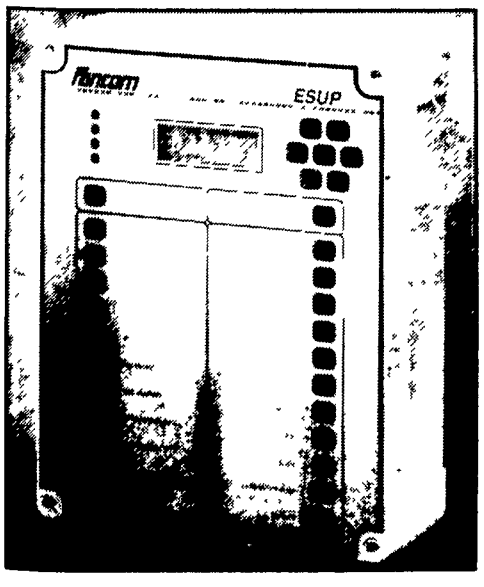

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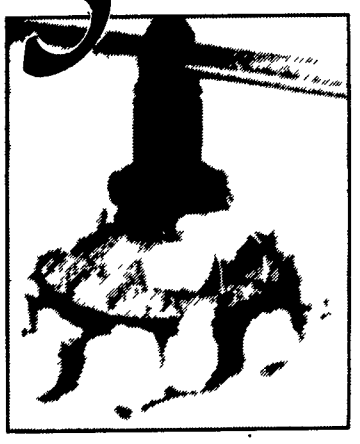

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Christmas And Gift Show Draws Thousands

LOU ANN GOOD
Lancaster Farming Staff

HARRISBURG (Dauphin Co.) — If you can't find the perfect gift at the Pennsylvania Christmas and Gift Show, then you can't find it anywhere. The massive show, with 356 exhibitors and 434 booths, held at the state Farm Show Complex on November 28 through December 2, attracted 35,000 people.

This was the seventh year for the show that is housed in 17 buildings and eight tents at the Complex.

"Most people come to do their holiday shopping because they have a tremendous array from which to buy," said Dick Mahoney, who organizes the annual show.

But the show isn't all shopping. To attend the workshops, demonstrations, and entertainment, requires several days.

The Reading Company Technical and Historical Society operates a multi-train display with 100 feet of track. Terry Lynn, a former ice capades skater, presents a dazzling ice show four times daily. Bands, singers, and pianists appear for daily entertainment.

Cooking clinics feature healthy, economical meals that can be prepared in 15 minutes.

Craft demonstrations include bow making, wreath making, scarf tying, oil painting, doll accessories, tree ornaments, swag arrangements, and holiday cards.

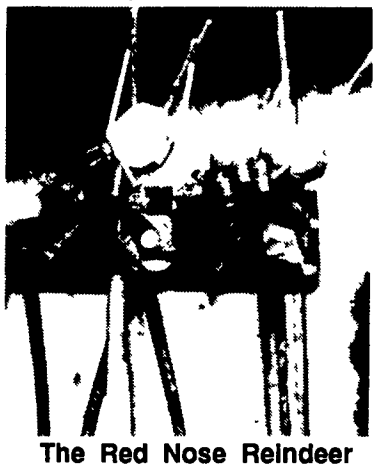
Those who like ideas for decorating Christmas trees and mantels, found 28 decorated trees and six Christmas displays among the booths, which had such items as earrings to match scarves, all nut fruit cakes, cloth lampshades, and lamps made from soda bottles.

Mahoney said, every year the show is expanded. Next year, the complete Christmas Ice Show from Naples, Florida, will appear.

Every year, the five-day show opens the first Wednesday after Thanksgiving. For more information on the 1991 Pennsylvania Christmas Show, write to P.O. box 37, Wallingford, PA 19086 or call (717) 233-5100.

Those with a sweet tooth were delighted to find Steiermark Goat Milk Fudge from Baltic, Ohio. Steiermark raises Alpine goats and makes fudge in three different flavors.

Although Albert Zulli and his wife, Marie, retired as postmasters, they carried their love for the antique post office boxes with them by making miniature banks out of them. Each bank has an original door with solid brass locks. The couple also uses premium hardwoods to make clocks, wooden jewelry and other wooden creations.



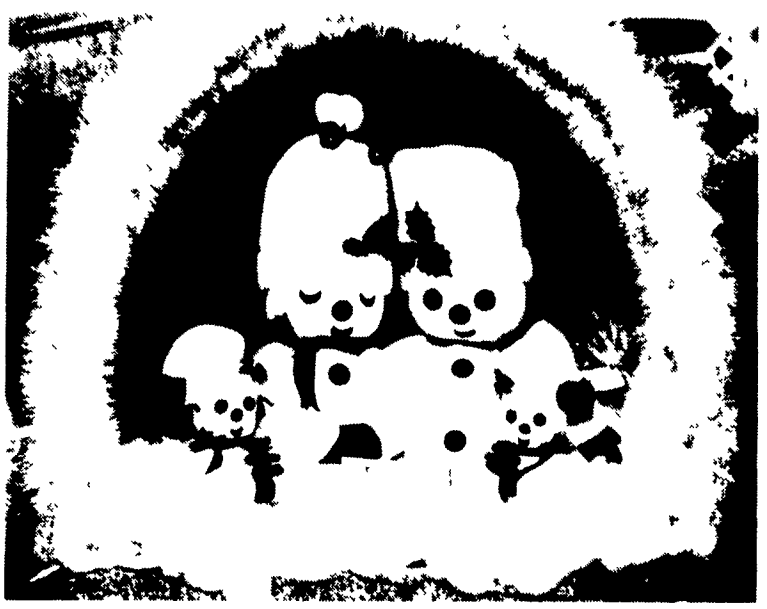
The Red Nose Reindeer from Potomac, Maryland displayed traditional homemade holiday ornaments, wreaths, centerpieces, and, of course, reindeer.

Although paralyzed, Gary Tomlinson taught himself to paint with his mouth. Shoppers were fascinated with his realistic decoys of pheasant, quail, and ruffed grouse. Tomlinson's Loft-N-Crafts is located at 238 Red Hill Rd., Pequea.

Delightful dolls dressed in holiday finery appeared in several displays.

Ann Marie Webb of Columbia, Maryland, tempted shoppers by offering them a sample of her instant holiday wassail.

Ruth Wonder Sillik of Lebanon fascinated young and old with the antics of mopkins.



This delightful snowman family is an L. Payne Originals from Weatherly.

Antoinette Caswell from the Lion's View in West Fairview had an usual display of hand-carved horses.

Farm Women Societies

York Society 26

York County Farm Women #26 met at Bonanza Restaurant at Valley Green Mall in November.

The annual family Christmas party will be held at Strinestown Fire Company.

The next business meeting will be held at the home of Ruth Kann.

Lancaster Society 25

Lancaster Society of Farm Women 25 met on November 10 at 1:30 p.m. at the home of Dorothy Elmer, Lancaster. Eight members attended. Devotions were by Helen Metz. Roll call was taken by answering the question, "How far do you live from the firehouse?"

Andrew Appel gave a program on "Wilderness Emergency Strike Team."

The next meeting, a family Christmas party, will be held on December 8 at 5:30 p.m. at Wenger's Chiropractic Center, Lititz Pike. Marjorie McNaughton will speak on "Habitat for Humanity."

Lancaster Society 10

Lancaster Farm Women Society #10, met on Dec. 10 at the Farm & Home Center for their Christmas Party. We were served a catered dinner by Barbara Aukamp, of Trinity Bible Fellowship. There were 10 members and four guests present. Each member received a Christmas poinsettia. It was decided to give a donation of money to Christ's Home as the yearly project.

Berks Society

Group Nine of the Berks County Society of Farm Women met on Wednesday, November 7, in the home of Pat Haas of Weavertown. Six members were present to create small Christmas wreaths from a green wreath form and dried flowers. The wreaths will be given to the individuals living at Romyn's Country Home.

New officers include Hope Steppler as president, Kim Casner as vice president, Sandy Hoffman as secretary, and Helen Oxenford as treasurer. Winnie Hayik and Hope Steppler will serve on the auditing committee; Joan Hafer on the Sunshine committee; Sue Hendricks, Pat Haas, and Sandy Hoffman as the program committee; and Winnie Hayik, Theresa Crowell and Karen Schreier as the ways and means committee.

The Christmas Party for members and their husbands will be held at Schaeffer's Restaurant on Saturday, December 8, at 8:00 p.m.

Family Day Celebration Held

MILLERSTOWN (Perry Co.) — Clear blue sunny skies, mild temperatures and a variety of activities brought over 350 people to "Celebrate The Family Day" held recently at Greenwood Elementary School in Millerstown.

The annual family event is sponsored by the Perry County Family Issues Task Force. Comprised of a dozen individuals from various Perry County agencies, the Task Force addresses the multiple needs of the families in the community, then works cooperatively to best serve and educate the residents in the county.

One of the most obvious fruits of their labors is the "Celebrate The Family Day." Included in this year's events was a presentation on Family Traditions by Mary Laeger-Hagemeister, Dauphin County Extension home economist. One of the traditions she emphasized was being involved in the community. Mary also explained how participating in the "Celebrate the Family Day" was an example of the community tradition as well as a family tradition.

Participants were also entertained via the West Side Singers of Susquenita High School. The group's performance included musical numbers as well as one act skits. More musical talent was shared by Greenwood High School's swing choir.

Music wasn't the only activity. Participants were also able to engage in a variety of other events as well. From exhibits including cholesterol screenings, foster families, Penn State Cooperative Extension's water testing, to fact painting by Perry County Human Services. Children of all ages enjoyed the 4-H petting zoo. In addition, children were greeted by a special visit from Ronald McDonald which brought smiles to everyone's face.

Those smiles continued as families attended a magic show by Rick Smiley and engaged in a puppet presentation by Lynn Ditzler of the Perry County Library System.

While families were able to pick and choose the activities and exhibits that particularly interested them, there was one message that was unavoidable! "Don't Drink and Drive." Everyone arriving wearing their seat belt was greeted with a kiss - Hershey Kisses that is, distributed by the SADD (Students Against Drunk Driving) chapter at Greenwood High School. In addition, they also tied red ribbons on car antennas to remind the public not to drink and drive. SADD characters such as ALF and Garfield also distributed balloons to the children.

Task Force Coordinator, Jane Mecum, with ALF and Garfield, SADD members, who distributed balloons, Hershey kisses, and red ribbons to participants at the Perry County Family Celebration Day.

Lancaster Society 34

Lancaster Farm Women Society 34 met at the Old Mill House in Strasburg for a tour of the home and ideas for decorating our homes for Christmas. The next meeting will be our annual Christmas party at the home of Debbie Zug with the revealing of Secret Pals.

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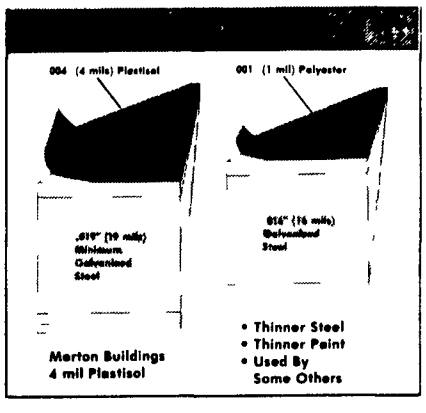

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TAKING TIME

by Rebecca Wolf

Extension Home Economist

Buyer Beware

For most retailers, profit from holiday sales constitutes a major portion of their yearly income. For the consumer, that means "Buyer Beware!"

Businesses are out to make money this holiday season. Their profit may be at your expense. Careful, skeptical shopping will help you win in the end. Unfortunately, this kind of shopping takes time, and in our crazy-paced world, time is a rare commodity, particularly during the holidays.

A few precautions may save you money, hassles, and disappointment.

Comparison shopping does pay. Last year, I purchased a hardbound book at one store in our local mall. The same book was priced for $10 more at another store in the same mall. Of course, it's not fuel efficient to drive to many stores looking for one item, but checking two places is worthwhile. Know your limits. Balance the available time with the available dollars.

Before you go out, make a list of people and possible gifts. Carefully review the advertisements. As you scan them, jot down store names and prices. Commercials can be deceiving. If you want to catch a particular bargain, clip the ad and carry it with you. This will help you find the gift and confirm the price. Your want to avoid surprises at the register! You can save time by calling several stores on the phone when tracking down a hard-to-find item.

Both you and your children need to temper your first impressions of products from ads. What seems exciting at first glance may lose its appeal quickly. If possible, talk to someone who actually has the item; try it yourself.

Carry a pencil in your purse or pocket. Cross off names and items as you make purchases. You may be tempted to buy additional items at a store. Allow yourself a little flexibility. Set a maximum dollar amount for each person. Stick to that. If you find several products that were unplanned, subtitute them for other suggestions on the list.

While shopping, don't be afraid to ask a clerk to open a box. You should know what your money is buying. Does the toy look as exciting in your hands as it does on the television? Will it break easily? How complicated will it be to use? to put together? Does the product come with a guarantee or warranty? Would you or a child use it more than once? Would it entertain for a long period of time? How many different things can one item do? Often an electronic toy can do only one thing and after a few minutes of entertainment, the item loses interest. Is the product worth the money?

Weigh these questions as you personally examine the item. Don't be intimidated by other shoppers or store personnel. But also don't be impolite. You are most likely to get good service if you are respectful of the staff's time and responsibilities.

With our unsure economy, take comfort in the fact that "inexpensive" can be excellent. (And it can be fun!) In a recent toy test conducted by *Zillions*, a Consumer Reports magazine, the two least expensive toys ended up ranking second and third out of ten. The most expensive toy ranked eighth.

It may seem tedious, but remember to save receipts. Make notations on the register slips or charge slips about what the item was and for whom the item was purchased. A line of numbers may mean little in mid-January.

Much of the secret of wise shopping is linked to a shopper's confidence. Don't allow other people to coax you into decisions you would not choose for yourself. And don't allow your own embarrassment to keep you from asking questions before you buy or from returning gifts after the holidays.

Send Food Packages With Care

NEWARK, DE — With so many of our armed services people in Saudi Arabia, folks back home may want to show their care and concern by sending over treats and goodies. Dr. Sue Snider, University of Delaware Cooperative Extension food and nutrition specialist, has some suggestions on what to send and how to pack a care package so it arrives safely.

But one caution when choosing items to send," Snider notes, "because of religious taboos and out of respect for the culture, avoid sending products that contain alcohol or pork."

Snider says dry and semi-moist foods ship well. Commercially packed nuts are fine, as are dried fruits that are commercially packaged with sulphur dioxide or some other preservative. But with home-dried fruit Snider warns, worms can be a problem. By the time edibles get there — it takes letters about 12 days — the food could be infested.

"Cookies and cakes are a good choice, but avoid those that go stale quickly and crumble and break easily," Snider says. "Avoid cookies with frostings, because the frosting will melt."

Moist, chewy cookies such as oatmeal or unfrosted brownies are ideal. Snider says chocolate chip cookies should be fine, too, although the chips will melt, most will be contained within the cookie.

When preparing the package, choose a can or heavy-duty, rigid box. Use a cushion of popcorn, shredded paper or polystyrene bits on the bottom of the package. Then, place a single layer of cookies, sealed in a plastic zip-lock bag, foil or both, on top of the cushion. Add more cushioning, another layer of cookies, and repeat the layering procedure until the container is full.

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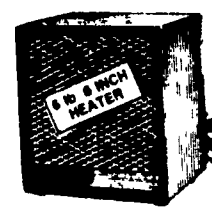

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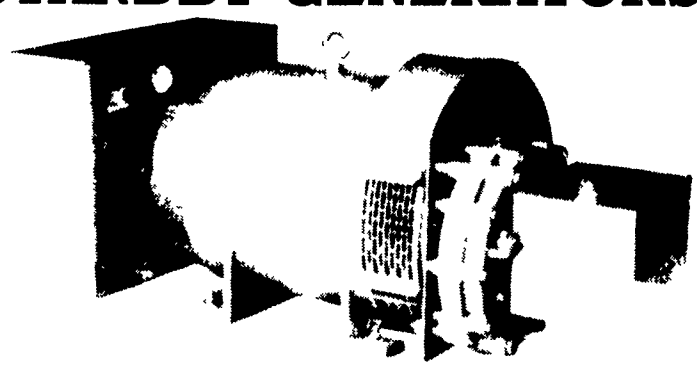

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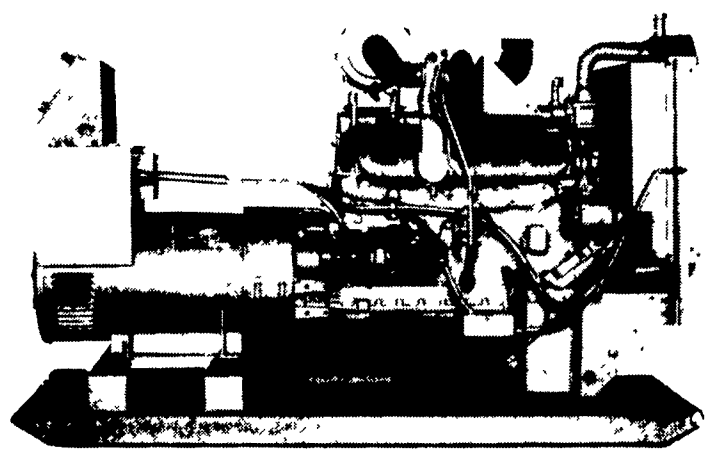

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Carolyn O'Neil, nutrition news correspondent with Cable News Network, introduces Julia Child, well-known author and chef who said that many people no longer enjoy one of life's greatest pleasures — eating — because of guilt.

Joy, Guilt Of Eating

NEW YORK, N.Y. — "Come back to the pleasures of the table," said Julia Child, author/chef, during a New York City media forum sponsored by the beef industry.

With today's heightened health concerns, many people seem to have forgotten that food is one of life's greatest pleasures. In fact, some have become so fearful of food that the joy of eating is often lost.

To help address these fears, the Beef Industry Council on behalf of the Beef Board sponsored "Eating In The Nineties: Jugging Joy and Guilt," one of several media forums funded by the beef checkoff. The forum attracted over 60 members of the media including writers from the ***New York Times, Cosmopolitan, Longevity, Self*** and ***The Associated Press.***

At the forum the media heard a distinguished panel of food and nutrition experts discuss health concerns which have spawned a new phenomenon: the fear of food.

Each speaker reminded the writers of the influential role they play in communicating factual nutrition information to consumers.

"People are so fearful of what they eat today that they're no longer enjoying food the way they once did," said Child. "The dinner table has become a trap rather than a delight. We must help the worried regain the joy of eating. There's a great deal of misinformation today... but if you choose fine food in sensible amounts, you can enjoy a gutsy good bit of everything. The key is moderation with pleasure!"

"While we know the nutrition-health connection is strong, sometimes the tendency is to overreact," said Mullis, "When you keep sight of your overall diet, there's no need to scrutinize every mouthful or 'eat by the numbers'."

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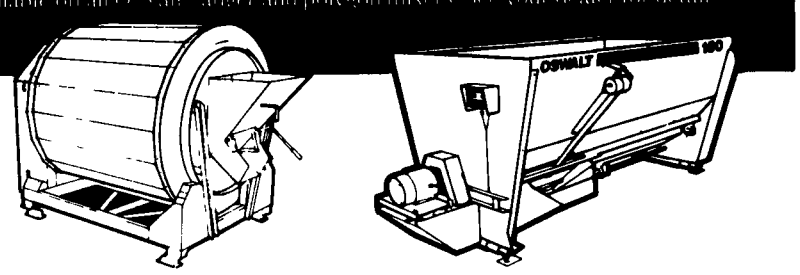

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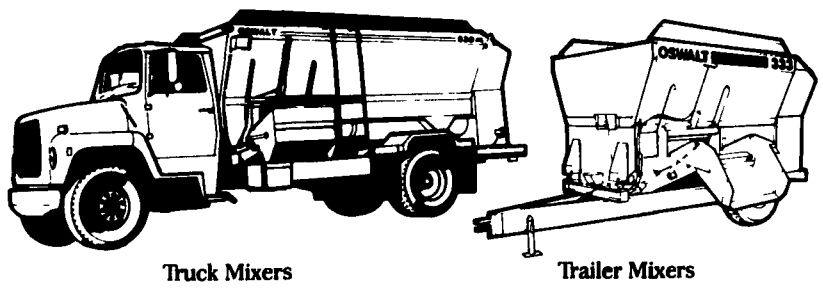

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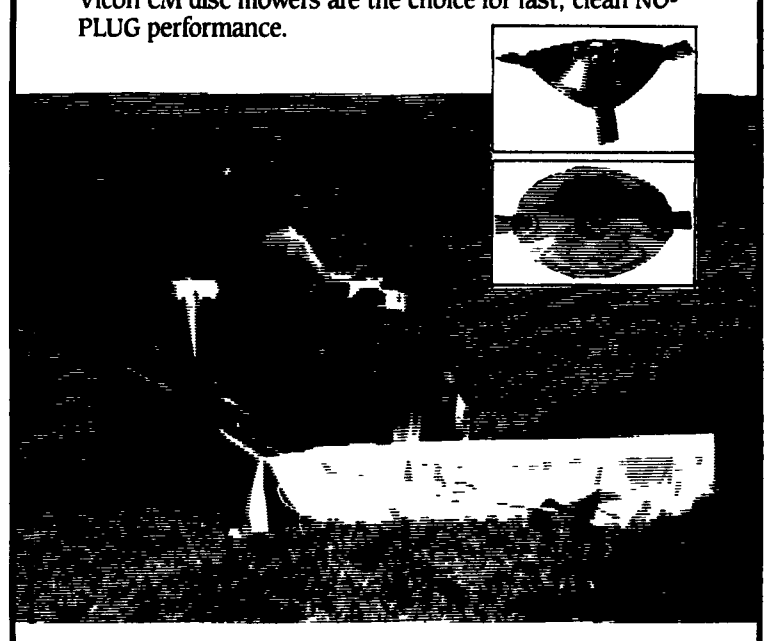

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Low-Fat Ground Beef Introduced To Schools

CHICAGO, Il. — Checkoff-funded research to develop low-fat ground beef production technologies has prompted the U.S. Department of Agriculture to announce plans to conduct a trial purchase of low-fat ground beef patties for use in the National School Lunch Program.

"With this USDA trial purchase, we are attempting to move the technology from the laboratory into the packing plant and provide a leaner beef product to the nation's school children," explained Daniel D. Haley, administrator of USDA's Agricultural Marketing Service. Currently, beef patties served in school lunch programs average 20-22 percent fat.

"We support the development of this new beef product as part of our continuing effort to lower fat content of foods we provide," said Betty Jo Nelson, administrator of USDA's Food and Nutrition Service. "Eventually, as production technology reaches commercial marketing channels, it could also benefit adult consumers concerned about lowering daily fat intake."

Currently, five researchers from land grant universities and private laboratories have provided the major effort toward the technology development of low-fat ground beef. Their investigations were funded with beef checkoff dollars.

"A project like the low-fat ground beef research is a perfect example of the checkoff at work," says Meat Board chairman Leon Locke. "The results of this research can now benefit many people, like the nation's school children, and ultimately the producers who fund the national checkoff."

Low-fat ground beef technology will be made available to the industry in a number of ways, including a two-day conference specifically for that purpose of the Pennington Biomedical Research Center, Baton Rouge, Louisiana, February 11-12.

"This conference is significant as we make further strides to put the information of new technologies into the hands of those in private industry who have the marketing and distribution skills to take the technology to the marketplace," explains Wendy Feik Pinkerton, Meat Board research information coordinator. "The announcement today by the USDA has given the low-fat ground beef technology an additional opportunity to become a reality."

Low-fat ground beef research was funded by the Beef Board, and managed on behalf of beef producers and importers by the Beef Industry Council of the Meat Board, a federation of 44 state beef councils that works to build demand for beef.

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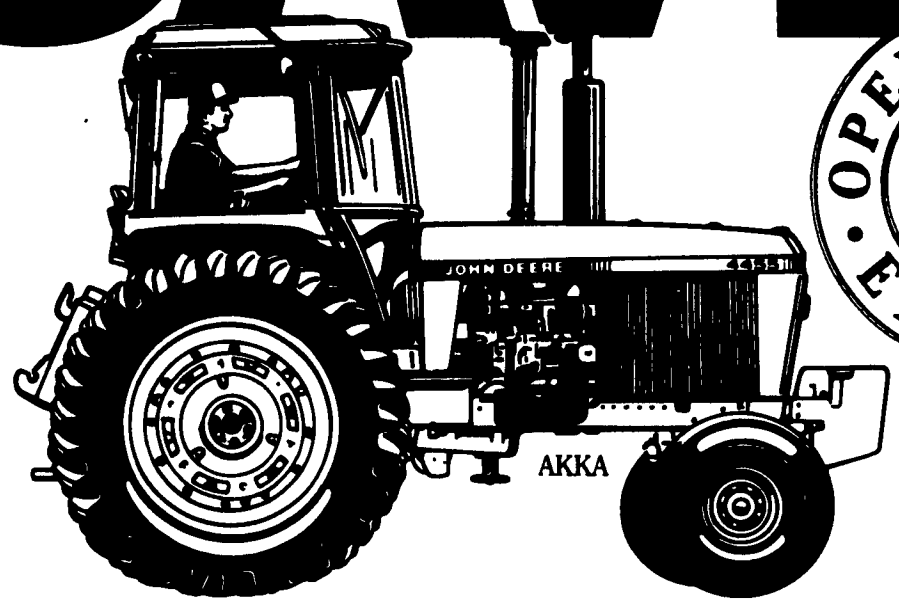

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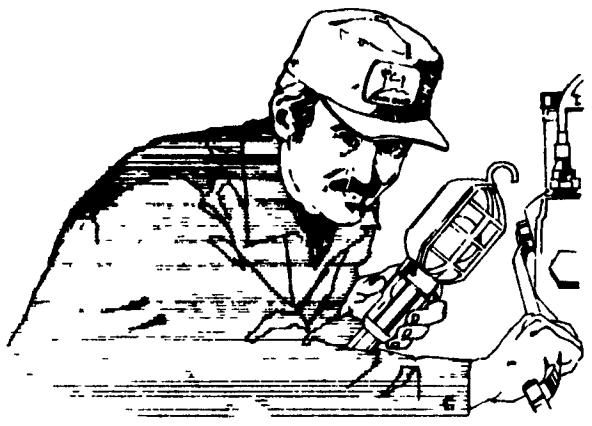

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4-H HAPPENINGS

Carney Receives Scholarship

Connie Faith Carney, daughter of John L. and Carole Carney, was honored at the annual convention of National Junior Horticulture Association in Green Bay, Wisconsin.

She was a Grand National Award Winner, for which she received a plaque and the $500 Armstrong Scholarship which is to be used for study. This was the Achievement and Leadership Award, which was in recognition for outstanding ability, achievement, leadership, and interest in horticultural work as exhibited by participation in the activities and programs of the association, and in recognition of character and service in community life. She was also appointed vice president of the National Junior Horticulture Association.

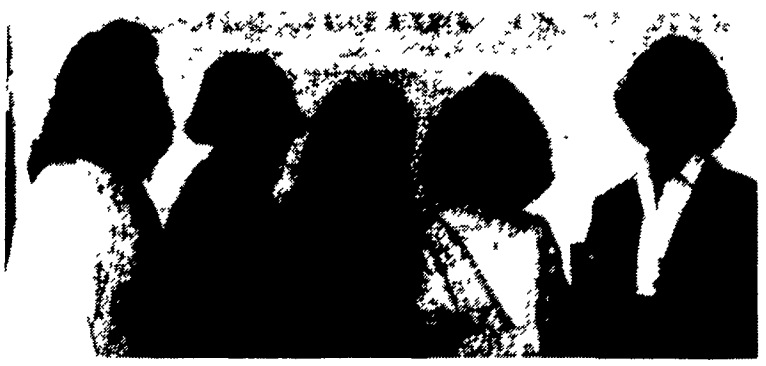
The annual meeting of Pennsylvania Junior Horticulture Association (PJHA) was held also at the convention. Connie was elected to serve the 1990-1991 term of president for the PJHA.

Connie is a freshman at Penn Sate, where she is majoring in horticulture with a minor in theater and music.

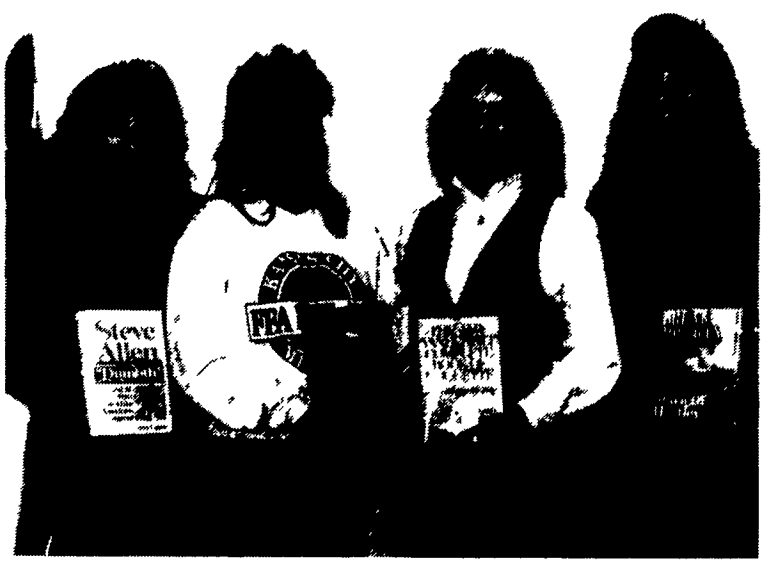
4-H Christmas Tree Sale

The Warren County 4-H Interstate Exchange Club will be conducting a Christmas Tree Sale during the second two weekends in December, on Saturday, December 8 & 15 from 9 a.m. - 5 p.m., and Sunday, December 9 & 16 from 11 a.m. - 4 p.m. at Wenzel's Hatch Patch behind the Warren Mall.

The 4-H Exchange Club sponsors interstate educational exchange trips for 4-H Club members. The club traveled to Indiana in 1989, hosted a 4-H group from North Carolina here in Warren County in 1990, and in 1991 the club is raising funds for a exchange trip to North Carolina.



Jackie Bicehouse, right, representing award co-sponsor York Farm Credit, presents the book "I Dare You," by William Danforth to Adams County 4-H members. From left, Mindy Wenger, Littlestown; Debbie Wilkinson, Gettysburg; Laura Mayer, New Oxford; and Toni Washburn, East Berlin. The award is presented to honor 4-H teens for excellence in character, balanced personal development, and leadership potential. The book is sponsored by American Youth Foundation.



GETTYSBURG (Adams Co.)— Adams County 4-H teens were honored with memorial awards. From left, Mandy Hilbert, Littlestown, the Larry B. Feeser, Sr. Award in swine; Amy Miller, New Oxford, the William Miller Award for special leadership; Jacki Sterner, Gettysburg, the Rose Murren Award for special leadership; and Rachael Millar, New Oxford, the Robert Lott Award for leadership.

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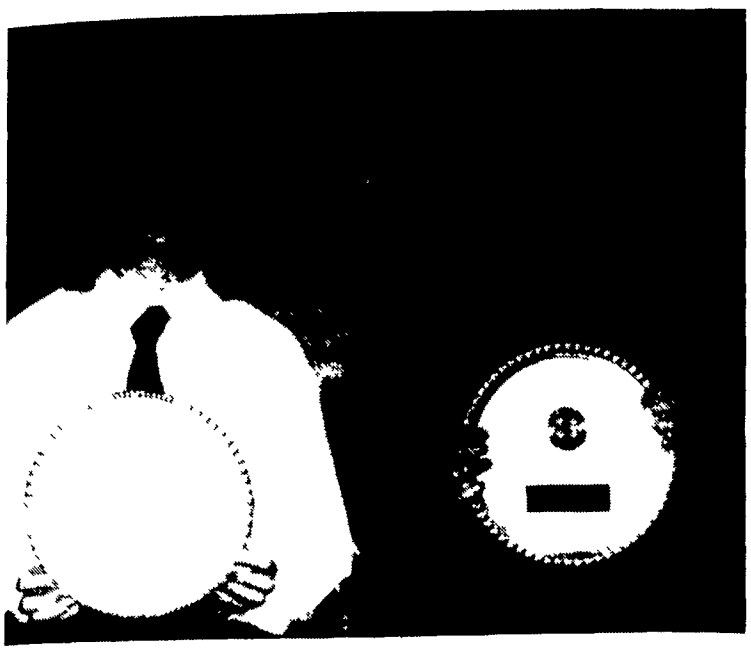

YORK (York Co.) — The 1990-91 York County 4-H Ambassadors were announced at the recent York County 4-H Achievement Night. They are Oona Horn of Dover, left, who is a member of the Thomasville 4-H Community Club, Senior 4-H Exchange, and County Teen Council; and Carly Kelly of Wellsville, who is a member of the York Co. Lamb Club, County 4-H Teen Council, and Wellsville 4-H Community Club. The 4-H Ambassadors are available to visit community-minded groups and present programs on the 4-H and how it meets the needs of youth in the 1990s.

4-H HAPPENINGS

1990 Bucks County Friend Of 4-H Award

Leon Moyer of Moyer's Chicks, Inc., Quakertown was given the 1990 Bucks County Friend of 4-H Award in recognition of his support to the Bucks County 4-H Embryology In School Project. The honor was presented at the annual Bucks County 4-H Achievement Night ceremony on November 10.

For eight years, Moyer has helped the 4-H embryology school program by providing eggs and technical information. This year, more than 3,000 Bucks County students have observed the incubated eggs hatch into chicks in their classrooms.

Through the service of Moyer's Hatchery, many young people are able to actively participate in the 4-H program. The 4-H embryology project is often incorporated in the science curriculum for the students.

The Bucks County Friend of 4-H Award is given annually to an outstanding supporter of the 4-H program who is not a 4-H leader. For more information about 4-H, please contact the Penn State Cooperative Extension, Bucks County office, (215) 345-3283.

Wayne County 4-H Achievement Night

The 1990 Wayne County 4-H Achievement Night was held recently at the Pleasant Valley Grange Hall. More than 100 4-H members, 4-H leaders, and 4-H parents were at this 4-H awards event.

The 1990 Wayne County 4-H Blue Form award winners were announced. They are:

- Achievement — Willie Reinfurt (Cherry Ridge 4-H Ag Club), Adam Kennedy (Laurella 4-H Community Club).
- Agriculture — Jason Donofry (Bethany 4-H Ag Club).
- Beef — Jeremy Gries (Calkins 4-H Ag Club).
- Citizenship — Michelle Glosenger (Calkins 4-H Ag Club), Karen Lorenzen (Cold Springs-Rileyville 4-H Ag Club).
- Clothing & Textiles — Emily Bryant (Pillsbury Kids 4-H Club).
- Dairy — Anna Rutledge (Tri-Gal 4-H Club).
- Entomology — Zack Bryant (Calkins 4-H Ag Club).
- Fashion Revue — Crystal Schweighofer (Pillsbury Kids 4-H Ag Club).
- Foods & Nutrition — Jennifer Miller (Pillsbury Kids 4-H Club).
- Food Conservation Preservation & Safety — Katie Karcher (Up-North Crew).
- Forestry — Jay Vail (Cold Springs-Rileyville 4-H Ag Club).
- Gardening & Horticulture — Carrie Bryant (Calkins 4-H Ag Club).
- Health — Ann Marie Peters (Up-North Crew).
- Home Environment — Amy Peters (Up-North Crew).
- Horse — Ann Shire (Chaps & Breeches 4-H Horse and Pony Club).
- Leadership — Carolyn Weist (Laurella 4-H Community Club).
- Petroleum Power — Mike Mang (Bethany 4-H Ag Club).
- Photography — Justin Racht (Chaps & Breeches 4-H Horse & Pony Club).
- Plant & Soil Science — Amy Lollar (Pillsbury Kids 4-H Club).
- Poultry — Bill Taninies (Laurella 4-H Community Club).
- Safety — Christina Korb (Cherry Ridge 4-H Ag Club).
- Sheep — Carrie Burlein (Cherry Ridge 4-H Ag Club).
- Swine — Nathan Gries (Calkins 4-H Ag Club).
- Veterinary Science — Megan Keys (Pleasant Mount Go-Getters 4-H).
- Wildlife & Fisheries — Clarke Taninies (Laurella 4-H Community Club).
- Wood Science — Kelly Swingle (Handy Gang 4-H Club).

Outstanding 4-H Club Awards were also announced at this event. They included: 1990 Outstanding 4-H Horse and Pony Club - "Silver Spurs 4-H Horse and Pony Club" - 4-H leaders - Molly Burke, Carla Sieck, Patricia Meredick and Carl Smithy.

1990 Outstanding 4-H Family Living Club - "Munchkins 4-H Club" - 4-H leaders - Mary Krisovitch, Julie Cook, Jeanette Swingle and Mary Jo Crane.

1990 Outstanding 4-H Agricultural Club - "Cold Springs - Rileyville 4-H Ag Club" - 4-H leaders - Judy and Robert Muller Sr., Gladys Jamieson and Suzanne Crum.

1990 Outstanding 4-H Community Club - "Laurella 4-H Community Club" - 4-H leaders - William and Kathy Taninies.

The "1990 Outstanding 4-H Girl" was Holly Weist from the Laurella 4-H Community Club and the "1990 Outstanding 4-H Boy" award went to co-winners, Dave Jonas, from the Cold Springs-Rileyville 4-H Ag Club and Mike Mang, from the Bethany 4-H Ag Club.

Steve Reed, coach of the Wayne County Hunter Education Shooting Sports Team, presented an informative program about this year's state champion team and about their trip and participation in the National Hunter Education Shooting Championship in Grenada, Mississippi. Team members were introduced and 4-H certificates of achievement were awarded to Nathan Gries, Milanville (Calkins 4-H Ag Club), Matthew Yerkes, Milanville (Calkins 4-H Ag Club), Joshua Racht, Waymart (Chaps and Breeches Horse and Pony Club), George Waters, Jr., Waymart (Chaps and Breeches 4-H Horse and Pony Club), and Dan Gustafson (formerly of Tyler Hill and the Calkins 4-H Ag Club), now living in Wyoming.

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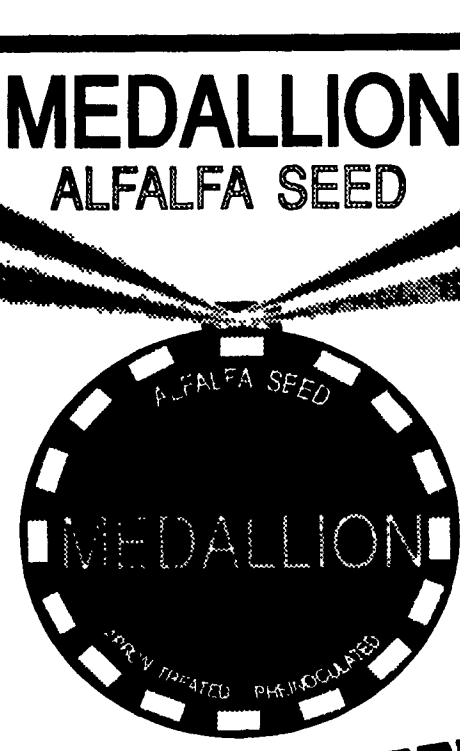

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Bucks 4-H Youth Receive Award

DOYLESTOWN (Bucks Co.) — Laura Pouy, Newtown and Rachel Free, Kintnersville have been awarded the national "I Dare You Leadership Award" in recognition of personal integrity, balanced living, and potential for leadership.

The honor was presented by Jeanne Hosterman, Bucks County 4-H coordinator, at the annual county 4-H Achievement Night ceremony.

Laura Pouy is a member of the Edgewood 4-H Club and the daughter of Carol and George Pouy. She was recognized for her ability to give to others without the expectation of reward. She is the president and a teen leader of the Edgewood 4-H Club. She is currently in her second year as a volunteer for Contact, a suicide prevention hot-line for teens. This past summer she was a volunteer with Special Equestrians, assisting physically and mentally disabled children experience horseback riding. She recently received the 1990 Central Bucks County Chamber of Commerce Quality Youth Award for her excellent community service record.

Rachel Free is a member of the Spurs N'Burrs 4-H Club and the daughter of Tom and Joan Free. Free is a teen leader of her 4-H Club and has held various offices. She was selected for this award based on her teaching and leadership abilities that she uses to help younger 4-H members. She has conducted learning clinics for her club and has assisted in coaching 4-H members in Hippology, the study of the horse. She ranks in the upper part of her high school class, serves as captain of the cross country team and participates in the German, Aesthetics and Ecology Clubs.

The I Dare You Leadership Award is made available each year by the American Youth Foundation in cooperation with schools and 4-H programs across the country.

The award was first offered in 1941 by William H. Danforth, founder of the Ralston Purina Company in St. Louis, who dared young people to achieve their highest potential and to influence others through lives of service.

The award takes its name from the book, "I Dare You", written by Danforth, in which he commends the balanced life of mental, physical, social and spiritual development as the backbone of leadership.

Pouy and Free each received a copy of Danforth's book and a scholarship opportunity to attend the American Youth Foundation's National Leadership Conference at Camp Miniwanca in Michigan or Camp Merrowvista in New Hampshire. Over 8,000 schools and 4-H programs participate in the I Dare You Leadership Award each year.

In 1924, Danforth helped to establish the American Youth Foundation, a non-profit organization committed to the service of youth through summer camps and leadership conferences. For more information about the I Dare You Leadership Award and the American Youth Foundation, contact the office at 1315 Ann Ave., St. Louis, Missouri 63104.

4-H'ers Learn Gun Safety

WARREN (Warren Co.) — The Warren and Youngsville 4-H Wildlife and Forestry clubs recently conducted gun safety and handling programs at their monthly meetings. 4-H volunteer leaders Chris Wolbert of Youngsville and David Miller of Warren organized the programs as part of their regular monthly meeting. Dave Muroski and Ron Carrington, deputy wildlife conservation officers of Warren and Youngsville, respectively, taught the safety sessions. According to Sanford Smith, county extension agent, the 4-H'ers went home with some valuable information and serious topics to consider. Shown are left to right, 4-H'er Kristen Tome of Warren, David Muroski, deputy wildlife conservation officer; and Eric Tome and Sarah Miller, both 4-H'ers in the Warren 4-H Woodswanderers Club.

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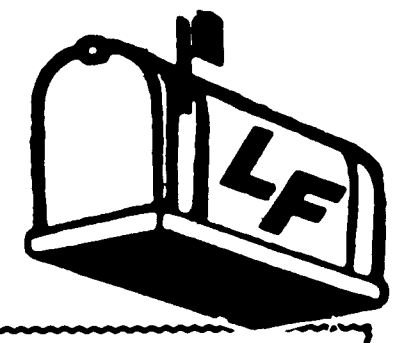

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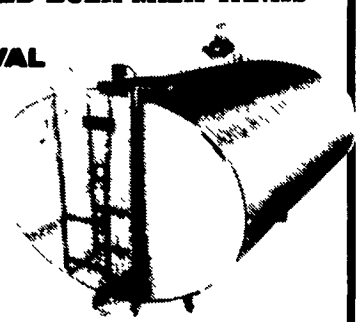

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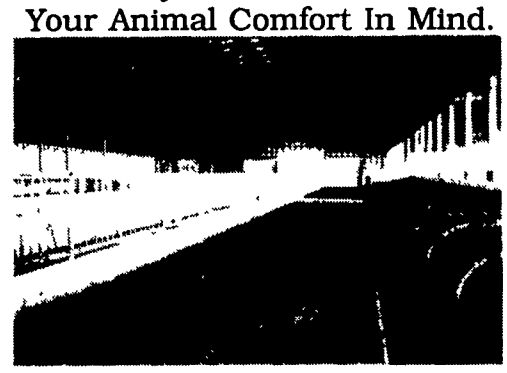

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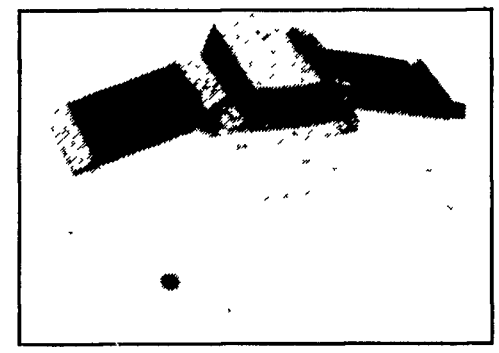

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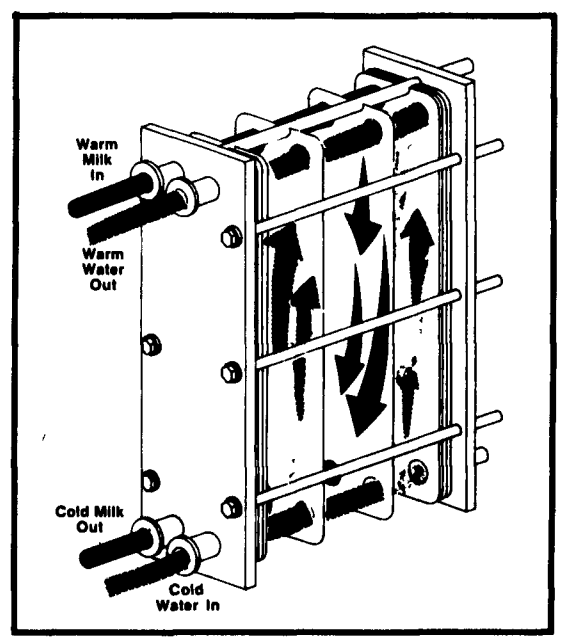

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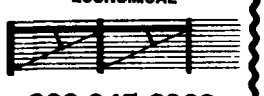

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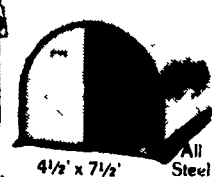

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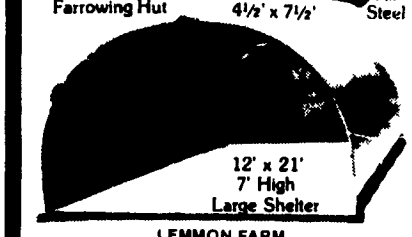

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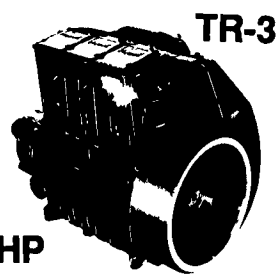

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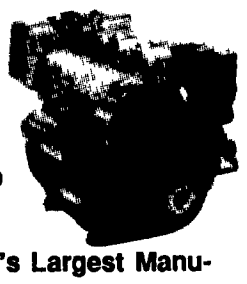

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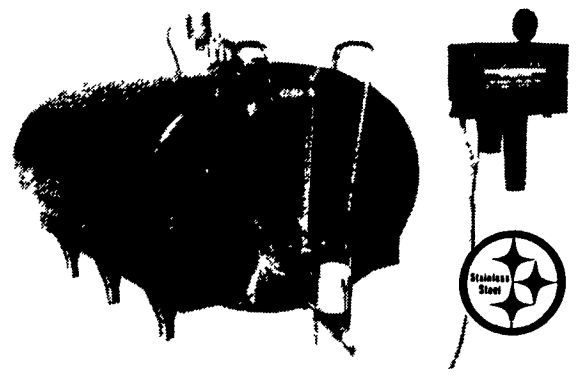

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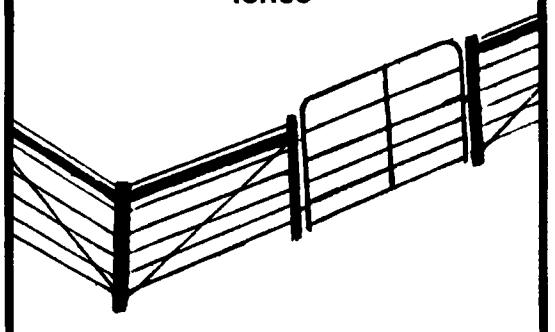

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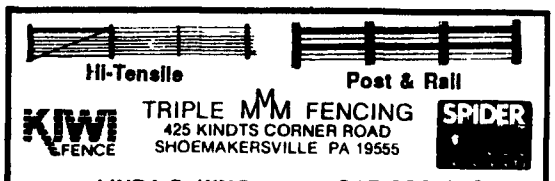

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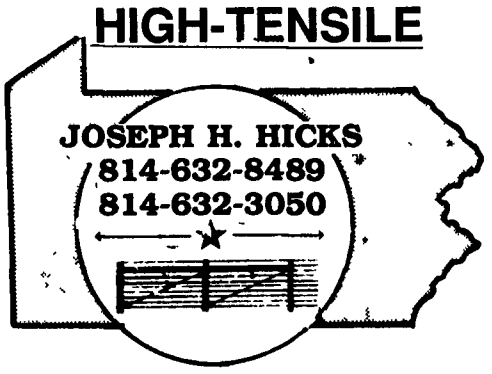
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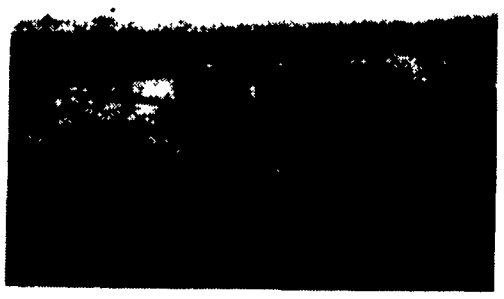
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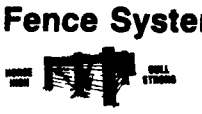
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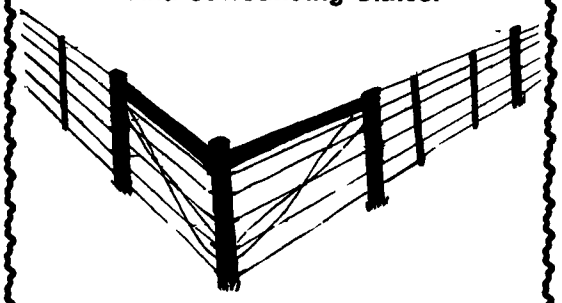
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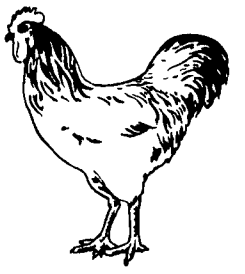

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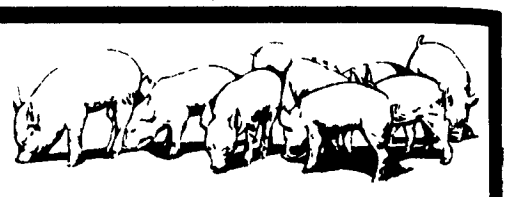

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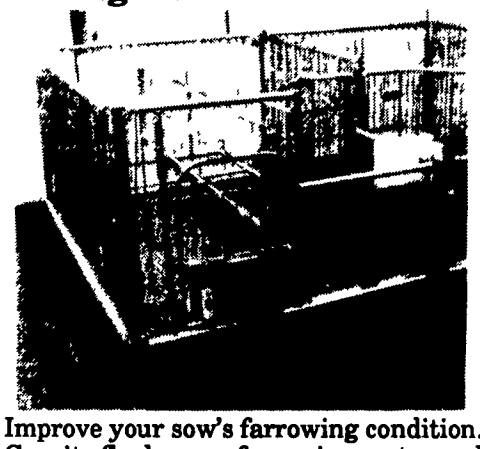

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(717) 528-8428

11 SWINE

Hoi Hoi Hoi Good News For A New Decade

Flash **1990 KILE GRAND CHAMPION CARCASS & RESERVE GRAND CHAMPION CARCASS** Flash

Hoi Hoi Hoi Merry Christmas & A Prosperous New Year To Our Many Satisfied Customers

Our On Farm Performance Program Is Backed By Central Tests & Carcass Show Data

KILE

	Length	10th Rib Fat	Loin	% Muscle
Feeser Ave. 17 head		.8	6.02	57.7
92 Exhibitors 328 head		1.0	4.7	53.4

North Carolina State Fair

Feeser 6 head	31.42	.83	5.97	56.6
108 Exhibitors 108 Head	31.04	1.14	5.3	53.0

North American

Feeser 4 Head	32.0	.8	5.9	57.4
176 Exhibitors 408 Head	31.9	.96	5.8	55.4

Va. State Fair

Feeser	30.5	.7	5.1	51.8
11 Exhibitors	30.8	1.1	4.4	50.6

MARYLAND PORK EXPO '90
Champion Production Carcass

Our Sound Health and Genetic Program Is Backed By Slaughter Checks & Hatfield Carcass Data

MARYLAND BOAR TEST WINNERS
Top Pen & Top 3 Boars
Sired By KD Sonny (Alabama Test Winner Yorkshire Conf. Tested Champion)
SALE: SAT. DEC. 15, 1990
ST. MARY'S FAIRGROUND, MD

Adj/230#	10th Rib Fat	Loin	Daily Gain	Index
27-4	.59	7.3	2.32	153
27-7	.76	6.36	2.43	147.7
27-9	.7	6.5	2.19	137.5

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11 SWINE

BENNECOFF HOGS Boars and open gilts, service age, Hampshire, Poland China and Berkshire. (215)285-6582 or (215)285-4805.

Chester Whites, Duroc and Spotted boars and gilts. Backfat figures and days to 230#. James Parlett, RD #2, Airville, PA, 17302. (717)862-3610.

Duroc, Yorkshire, Spotted, Chester White & Landrace Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052. 215-799-3375 or 3831.

Eleven bred gilts and service age boar. Todd Sears, RD-3, Box-595, Mt. Joy, PA 17552 717/898-9503 after 7PM.

FOR SALE-Yorkshire Service Boars Elwood E. Houser, 2150 Quentin Rd, Lebanon, PA 17042 717-272-5798 or 273-2921.

MD Pork Producers Association tested boar sale, December 15, 1990. Lunch is at 12, Sale at 1p m. St Marys County Fairground, 1 mile South of Leonardtown on MD Rt #5 For any questions contact Dr Thomas Hartsock, (301)405-1386

Real Time Ultrasonic Scanning. Mike Cherchuck. 717-423-5387, 517-548-4400

Yorkshire, Hampshire and Chester White. Boars, Open Gilts and Bred Gilts Validated and qualified

11 SWINE

Yorkshire Boars and Gilts
Scan Information
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717-292-1539
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ARNOLD'S 69th HOG SALE
Saturday Afternoon 1:00 P.M.
December 15, 1990
Lebanon Fairgrounds, Lebanon, Pa.
Auctioneer - Harry Bachman - (717) 867-1809 AU-000033-L
CROSSBRED - DUROC - HAMPSHIRE - YORKSHIRE - LANDRACE
60-80 BRED GILTS & PROVEN SOWS Hand-mated due December thru February. Registered Duroc, Landrace & Yorkshire. Many of these plus an excellent set of crossbred gilts mated to make excellent quality litters of show pigs.
40 TESTED SERVICE BOARS Growth, backfat & loin eye figures will be furnished on all boars. REAL TIME ULTRASONIC SCANNING by MIKE CHERCHUCK (717) 423-5387. Averages on 398 Boars scanned July '89 thru July '90; Duroc (83) 245# .79 BF, 5.43 loin. Hampshire (8) 238# .68 B.F., 5.36 loin. Landrace (21) 254# .77 B.F., 6.15 loin. Yorkshire (255) 246# .73 B.F., 5.48 loin. Crossbred (Hamp x Duroc) (31) 245# .76 B.F., 5.69 loin.
40-60 OPEN GILTS Registered & crossbred.
Sale Order: Bred gilts, boars & open gilts.
All animals vaccinated for rhinitis, erysipelas, lepto & parvo. Validated brucellosis & pseudorabies free herds.
Herd Health Dr. Tim Trayer 1-800-222-4084
70th Hog Sale, February 9, 1991
Bred Gilts, Boars, Open Gilts
Yorkshires-Landrace
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Lebanon, PA 17042
717-273-5880
Catalogs Available Call or Write
Hampshire-Durocs
Lawrence Arnold
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Womelsdorf, PA 19567
717-933-8153
PRIVATE SALE - Boars, Open Gilts, Bred Gilts On Order.

Bred Gilt Sale
Fri., Dec. 14, 1990
Located 1 mi. off 472 midway between Quarryville & Oxford Lanc. Co., Pa. 1 mi. S of Kirkwood turn west off 472 at Union Church (Street Rd) follow Street Rd. 1 mi. to crossroad turn left 2 farm on right, Hill Rd.
Approximately 45 Head
(Please Note) We have a larger group of gilts coming for this sale. They'll be all 3 ways or crossbreds due Dec. 18 on till Jan.
Remember all gilts, 30 day test. Health papers for out of state buyers. Vaccinated for Lepto & Eurseypilias & Rhintis & E-Coli and Pasturela.
Hand mated with breeding dates.
Local Trucker Available
John B. Stoltzfus
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Editorial
Facts & Opinions

"DUROCS - GROW FASTER ON LESS FEED"

The above motto has been in existence and has been repeated by producers, breeders, extension personnel, and Association-related employees thousands and thousands of times.

Since the beginning, the Duroc breed has been recognized by almost everyone as unquestionably the fastest growing hog on the face of the earth and one that possesses the genetic ability to convert feed stuffs into a saleable product in a highly efficient manner.

I find one of the most interesting concepts of "DUROCS - GROW FASTER ON LESS FEED" is that you can get punch in the areas of growth and efficiency for every genetic line that is available in our breed today. In reviewing and analyzing three genetic strains present in our breed, it was evident that they possessed these powers even though they have been highly linebred for a number of generations.

Breeders have absent-mindedly tried to remove these genetic facts; but, try as they may, you can still count on a purebred Duroc to deliver the extra needed punch.

A review of the fall sales that I had the privilege to work is an excellent example of what I am talking about. I was able to visit with a number of commercial producers at these functions, with the conversations invariably turning to the fact that they used Duroc parentage for two main reasons: (1) they grow much faster than the norm; and (2) they consumed less feed in the process!

These producers were successful in their own right, have survived the rigors of life and less-than-desirable economic conditions, and intend to survive the prosper during the remainder of this decade and into the next century. They were also articulate and intelligent enough to know that they couldn't get enough of a good thing. They recognized what our breed has to offer and put it to use.

It's come to my attention this fall that producers will look at a set of figures, analyze them, and search out boars and gilts that excel in growth and efficiency.

You can read all the reports, data sheets, and professionally prepared papers you want to, but the fact of the matter is that commercial pork producers respect the Duroc breed for what it has to offer and have done an excellent job capitalizing on it. They know that they'll get that extra punch when they use our genetics and they also have realized (and capitalized on) the fact that Durocs are big, high-performance hogs that continue to generate and produce their entire lives. Unfortunately, the competition cannot state claim to these facts!

"DUROCS - GROW FASTER ON LESS FEED"

THESE ARE THE FACTS, WE INVITE YOUR OPINION.

HOLLOWAY DUROCS
DAVE 717-235-6966
Excerpts Taken From the November 1990 Issue of Duroc News.

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11 SWINE

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13 HOG EQUIPMENT & SUPPLIES

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13 HOG EQUIPMENT & SUPPLIES

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14 POULTRY & SUPPLIES

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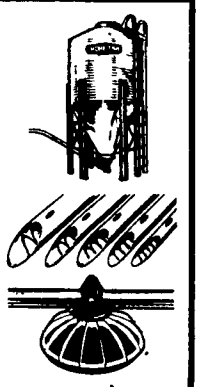

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15 FEED & SEED

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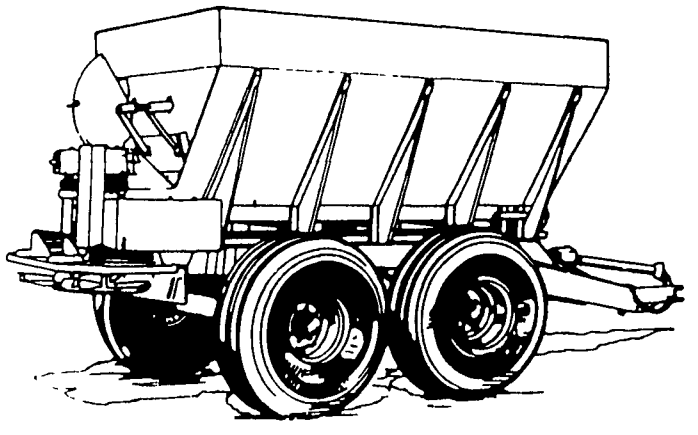

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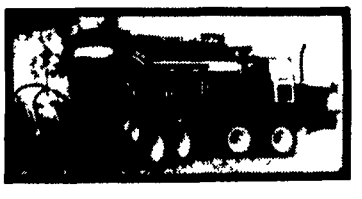

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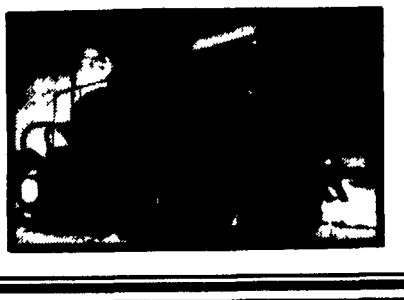

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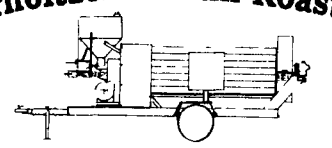

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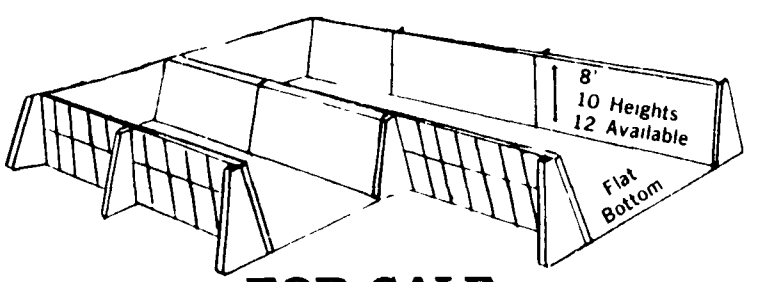

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Mature 29 year old family man w/years of Dairy experience looking for employment on Dairy farm offering a future Offering AI experience, general health knowledge and ability to perform general herd health care Housing and insurance needed Available within 2 weeks Call 215-987-9232 after 7PM

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25 BUSINESS OPPORTUNITIES

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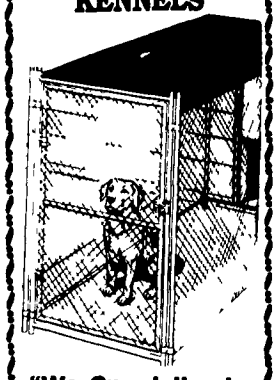

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32 MISCELLANEOUS

LLAMAS 2 Beautiful female babies, 1 pure white, 1 tan and white. Asking $9500 each. 201-322-4038

Norwegian Elkhound puppies AKC, CH-BL-Lines Will hold for Christmas $250 717-354-9196.

PEACOCKS for sale, beautiful plumage, yearlings male and female, yearlings (717)397-2211.

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Vietnamese Pot-Belly pigs, one breeding age gilt with some white Also younger ones. Fully registered Con. lines. Call evenings 717/733-7441.

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31 NOTICE

Aches? Stress? Massage, Sauna, Reflexology NO Hanky-Pank! Serious Only 717-295-4869

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WATER RAM information booklets send $10.00 G.Kotula, 3037 Merritt-Parkway, Reading, PA 19608-1013 FALLING WATER PUSHES WATER UPHILL.

32 MISCELLANEOUS

Air operated, 2" diaphram pump, new, sand piper, North Ampton, 215-588-8460.

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Black Australian swans, mated pair $500. 301-482-8806.

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Chicago 8 Ft sheet metal brake, 18 gauge capacity. New edges. $650 Lebanon County 717/865-3093.

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Meatgrinders, Bandsaws, Slicers & Tenderizers Also, new splitting saws for only $249. Gerry Grundy, Doyleysburg, PA, on Rte 75, 200 yards North of Rte 274 Open Saturday & Sunday 10AM - 4PM 717-349-7654 or evenings 215-549-7584

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2 Eshland E-500 wood gasification boilers, 500,000 BTU rating, hot water systems, very good condition, make offer negotiable, (516)722-4533, (516)722-5743.

8' snow plow for Ford 8N or up to 3600 series Ford tractor, 110 gal tank for diesel fuel w/electrical pump. 717-367-7398

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Liberty 14x70 Home, 3 bdrs., 2 baths, 1986, clean. Buy now, will store it till May 1991.
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33 RECREATIONAL VEHICLES

1982 Charmar Camper, 18' long, $400 OBO Call 215-670-9938

34 AUTOS

1988 Chevy Suburban ½ ton Silverado, 4x4, loaded, brown on brown, dark glass, elec windows and locks, 9 passenger, no nicks or dings, 14,000 mi, front bucket seats with console, 350 eng, HD trailer hitch Asking $16,500 Call 717/588-6350 eve

35 TRUCKS & TRAILERS

16 ft tandem axel trailer, wi loading ramps, good con tion, 215-445-5442.

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1967 Chevy diesel 10-wheeler full screw, 26' thermoking, excellent condition, $3,800. (609)581-3747 (609)259-2497

18' Gooseneck trailer, 3 axels, 2' Beaver tail, 16,000 lbs. capacity, $2500, 717-256-3233.

1970 LN700, 361 heavy duty, 5-spd trans, w/1977 Holmes 500 wrecker, 900R20 tires, PS, rebuilt engine and trans. 215/644-7727.

1971 GMC 6500, 366 engine, 5SP, 14' grain body, 26000 GVW. Berks County. 215-756-4379.

1972 Ford F600 dump truck, 8 25x20 tires, 4+2 trans. w/replacement 390 engine 215/644-7727.

1972 Raven Flatbed, spread on air; 1974 U model Mack, tandem axel with V bottom manure tank, 1975 C850 Ford tandem, c&c, 477 engine, 5-speed transmission with 2-speed rear; twin cylinder 8 ton hydraulic hoist with pump, 717-272-9595.

1973 International, cab and chassis only, 5-speed with a 2-speed axel, 30,000 GVW, $1200, 717-256-3233.

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1974 Int 4070A, 350 Cummins (little cam), 13-spd., 4-11 rears, 20" rubber, sliding 5th wheel, good running condition $5,500. 717/582-2352

1974 KW conventional tractor, 400 Cummins, Jake, AC, new paint, 42' aluminum spread axle trailer, side kit, new paint, full tarp, two steel tarps 1-800-735-6980.

1974 Zimmerman trailer, 12,000 GVW, 2-axle, 24' bed, pintle hitch, good condition, $2,900 (717)733-6077

1975 C-60 Chevy Truck, 4-53 Detroit, 2-spd, axle, 16' flatbed, 21,000-GVW, excellent condition, low miles $5,500 215/269-1221

1975 Ford LN800, 389 engine, 33,000 GVW, 26' flatbed, air brakes Saxonburg, PA (412)352-1081

1976 F350 Ford w/9' flatbed, new tires and clutch, V8 motor, 4SP trans, $1800 OBO 703-364-1241

1976 Ford F-600, 12' flatbed dump This truck is ready to go Many new parts Paint, rubber good $5,000 Firm 738-3003.

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1977 Ford F250 Ranger XLT crew cab, new exhaust, V8, $1750 717-532-2007 Evenings.

1978 Ford LN8000, 3208 Cat, 5+2, 18' Eby aluminum stake body dump, $8,000 OBO 215/286-9797

1978 Trans Craft w/air ride, 48' drop deck trailer w/6' Hyd Beaver Tail, wide load and out riggers w/tie downs, good condition $10,500 814-358-2401

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1979 Ford 800, 429 gas, 32,000 GVW, 5&2, power steering, air brakes, 1981 Ford 800, 429 gas, 32,000 GVW, 5&2, air brakes and power steering, 1980 Int 1854, 466 diesel, w/22' Morgan van body, 5&2, 27,000 GVW 301-877-9889

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1980 Chevy 30 stake body, V8, 4 spd., $2,800.; 1981 Ford F250, V8, 4 spd., super cab, $2,700.; 1972 Ford L-900, $3,000. 717-933-4114

1972 Int. COE, rebuilt engine and trans., $2,500. (301)833-2311.

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1987 F350 Automatic 12' cattle body, 50,000 miles $8500 OBO 215-356-3140

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1987 Ravens dump trailer, 36 frame, 34 box, 2-way gate, air ride, 11 24 5 rubber, Budd wheels, tarp and bows. (717)354-5796.

1988 Chevy Silverado, crew cab, 4x4, AT, PS, PB, AM-FM Cass, 350 FI, air, cruise, tilt, bedliner, $46,000 mi, $12,900 717/354-9967

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Pickup truck boxes, one 1974 XLT box, good shape, one 1986 Ford box with box liner, two 1988 Chevy boxes, new never used, two 1991 Dodge boxes never used, 717-222-9020

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Trailer, military, 1/4 ton Jeep, $265, North Ampton, 215-588-8460

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NEW 76"x16' Utility Trailer, 3,500 lb axles, 2" bumper hitch, 15" tires, no brakes, $1,095 --with brakes, $1,320 Martin Hardware, Schaefferstown, Lebanon Co, Pa. 717-949-6817, 949-2549

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'88 GMC Pickup 2500 series, 4x4, air, AT, $10,600 Schaefferstown Auto Sales, Leb. Co., Pa 717-949-2812

'89 Dodge B350 cargo van, 318, auto, PB, PS, AM-FM stereo, 26,000 miles, excellent condition, $8,950. 717-733-2873

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V8, Auto, captain chairs, TV, AC, 24,000 Mi. $13,495
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Crew Cab, 4 cyl., 4 spd., AM-FM radio, 31,000 mi., black $6,695
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1985 Big Valley, ½ Stock Trailer, ½ Closed In, 7' High, 6' Wide, 20' Long, Real Good Condition, Good Rubber
1978 Chevy Heavy Duty ¾ Ton, 350 Engine, 4 Sp., Excellent Radial Tires, A1 Condition, No Rust
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Ford F150 Pickup, 1987, Dark Blue, powering steering & brakes, air, fuel injection, running boards. Zartman Dodge, Lititz, PA 717/626-8551.

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Wet line complete with step tank, oil pump, PTO, f/Ford tractor, 5 speed w/transmission $1,500
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Ford HD 5 speed trans., excellent $500
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Landa pressure washer, hot water or steam, Honda gas motor wing burner 2,000 PSI, key start, 6 months old, will sacrifice for $4,700
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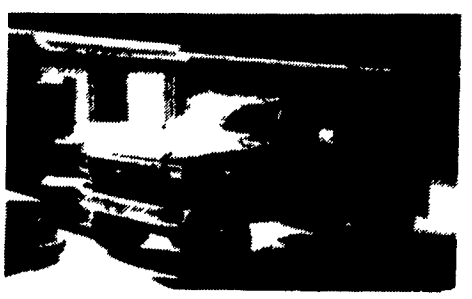

1986 Ford F-350
4WD, 40,000 Miles, 8' Dump, 460 V8 Gas
$11,900
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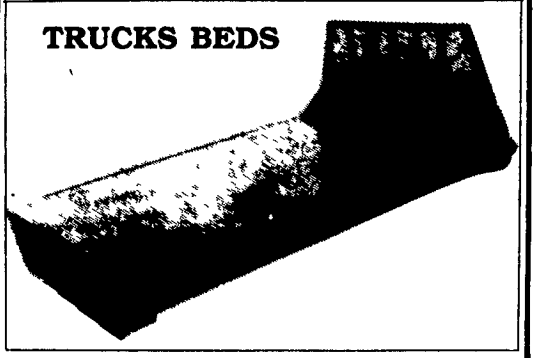

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6'10"x60" or 72"	$550
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82 Ford F150, 4x4, V8, PS, PB

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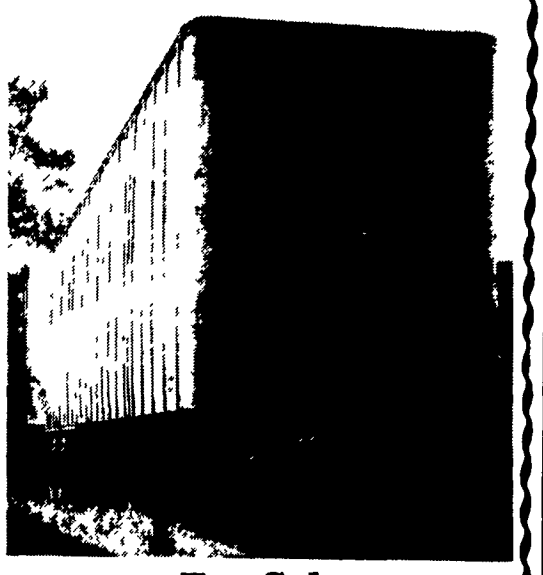

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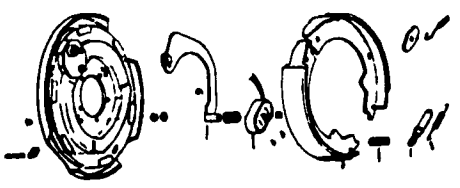

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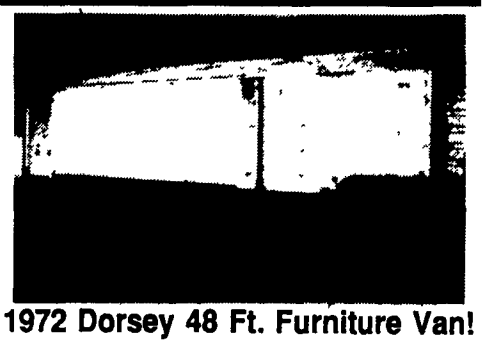

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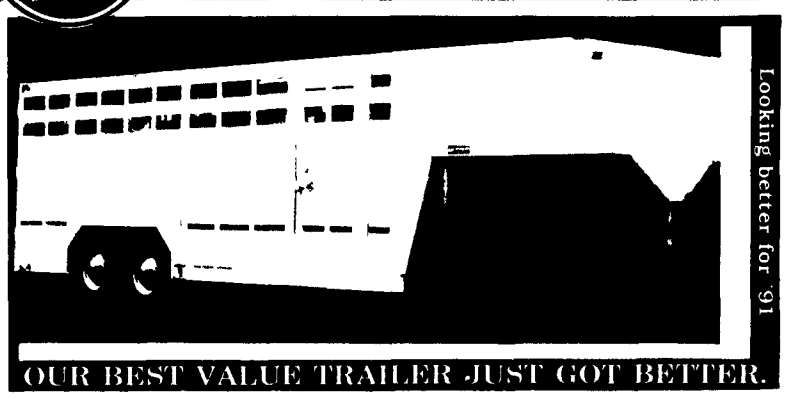

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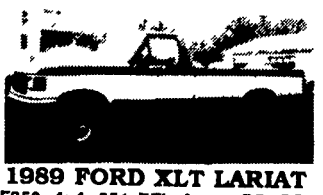
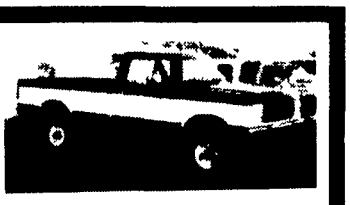
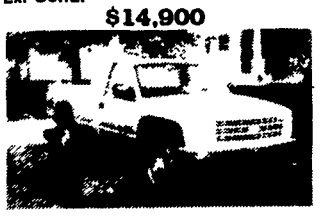
4x4, Super Cab, 351 EFI, Auto, PS, PB, PW, PDL, Cruise, Tilt, Air, AM-FM Cass. St., Dual Tanks, 8,800 GVW, Michelin Radials, 32000 Mi., Ex. Cond.
$14,900



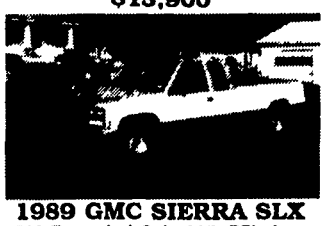
1989 FORD XLT LARIAT
F250, 4x4, 351 EFI, Auto., PS, PB, PW, PDL, Cruise, Tilt, Air, AM-FM Cass. St., Limited Slip Differential, 410 Ratio, 8,600 GVW, 19,000 Mi., Blue & White, Like New.
$13,900



1988 FORD XL F350
4x4, 351 EFI, 5 Speed, PS, PB, AM/FM Cass., Dual Tanks, 9,000 GVW, Blue & White, Ex. Cond.
$11,900



1989 CHEVY 2500
HD ¾ Ton, 4x4, 350 F.I., Auto, PS, PB, AM-FM Stereo, Limited Slip Rear, 8600 GVW, 9,000 Miles, With Bal. of Factory Warranty
$13,900



1989 GMC SIERRA SLX
1500 Extended Cab, 305 EFI, Auto, PS, PB, Air, AM-FM Cass. St., 6200 GVW, 23,000 Miles, Blue & White, Ex. Cond.
$11,500

1988 CHEVY CHEYENNE 1500
½ Ton, 4x4, 4.3 Vortex V/6 HD, 4 Speed, PS, PB, Blue, 18,000 Mi., Like New
$9,950

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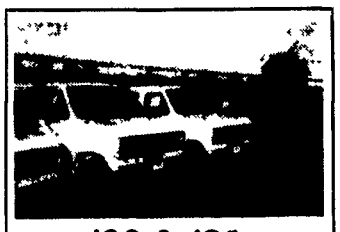

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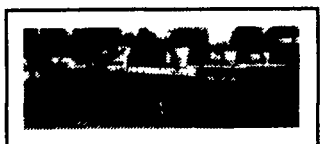

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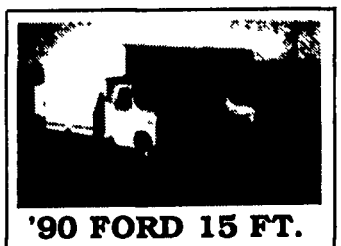

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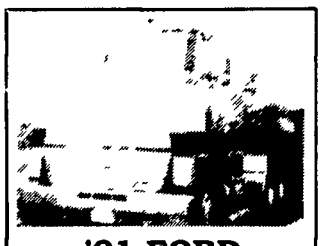
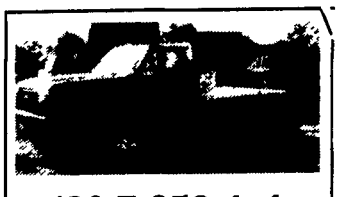


'91 FORD CLT-9000
425 CAT, 13 Spd., Air Ride, Air Suspension, Jake Brake, Loaded!



'90 F-350 4x4 TOTE BED
460 V8, Gas, 5 Spd., OC, Limited Slip Rear, HD Front, XL Trim, Eby Aluminum Trk. Bed.
$18,990*

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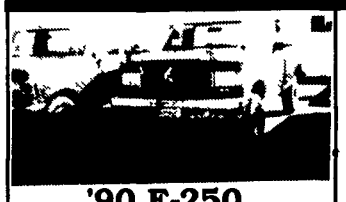
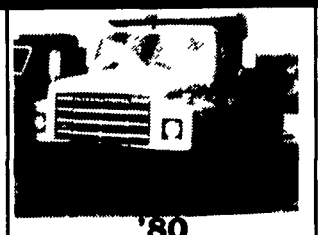
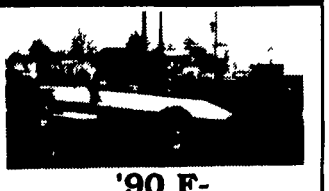


'90 F-250 4x4
351 V8, H.D. Pkg., Auto. OD Trans , 8 Ft. Meyers Snow Plow
$18,200*



'80 INTERNATIONAL
DT466 Engine, 28,000 GVW, Tan And Brown
$10,400



'90 F-SUPERDUTY
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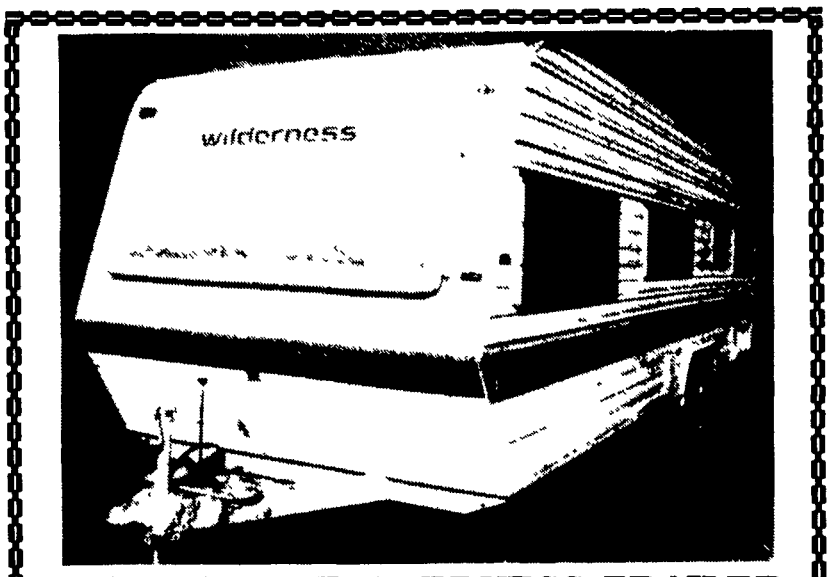

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1976 International Fleetstar..... 35,000 GVW
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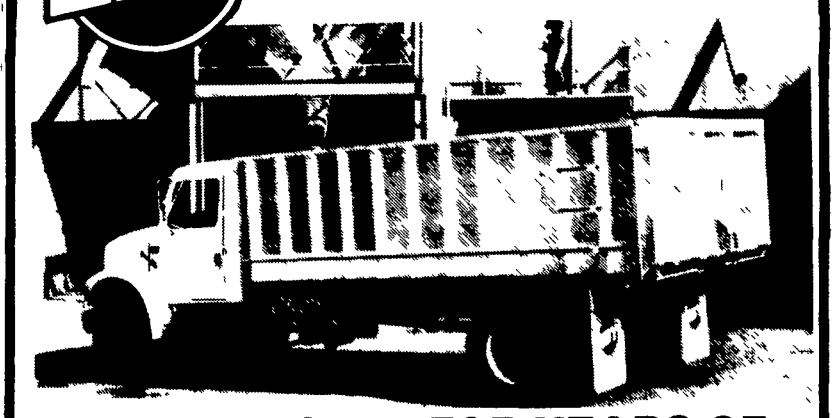

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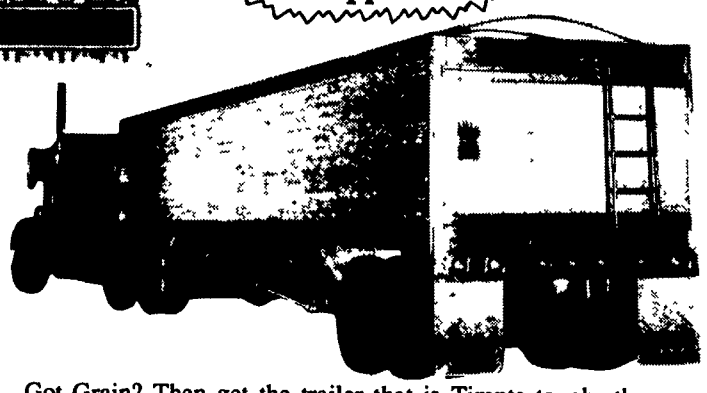

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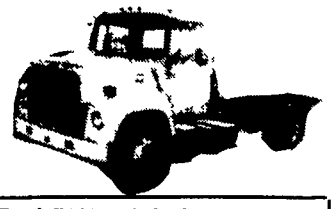
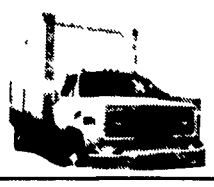
81 IHC 1954 24' C/C DT466, 5 & 2, Air Brakes, 33,000 GVW, New Paint, H D Truck **$11,900**



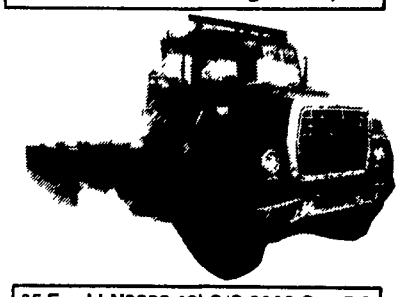


85 Ford 7000 18' C&C 3208 Cat, 5 & 2, Air/Hyd Brakes, 30,000 GVW, P/S ... . **Ready To Work $12,500**

85 GMC 7000 16' Van w L/G GM 366 (Gas), 5 Spd, Hyd Brakes, 28,000 GVW **Reduced Selling $7,900**

85 Frt/Lnr FLC2064T 350 Detroit, 9 Spd, P/S, A/C, Some With Engine Brakes, All Clean, Good Running, Nicely Equipped Trucks . **(6) Avail. $15,500 Ea.**

82 Mack R688- 350 Mack, 9 Spd, P/S, A/C, Camel Back **85 Mack R686ST-** 300 Mack, 5 Spd P/S, A/C, Camel Back **Starting at $22,900**



84 Ford LN7000 17' Reefer 3208 Cat, 5 & 2, Hyd w/Maxi Brakes, 28,000 GVW . . . **Off Season Price $10,900**

85 Ford LN8000 18' C/C 3208 Cat, 5 & 2, Air Brakes, 35,000 GVW, P/S, Inventory Clearance Priced **First $13,900 Buys It**

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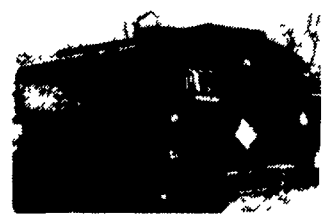
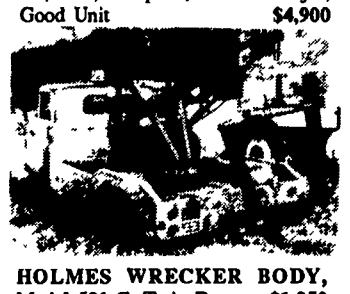
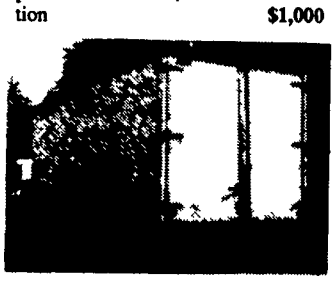


2500 GALLON, Steel, Single Compartment Oil Tank, Good Condition **$1,000**

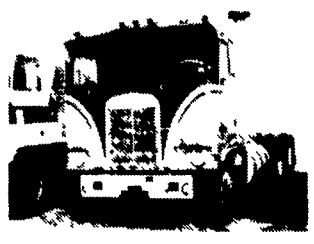
CONVERTER DOLLY, Air Ride, Air Brakes, 10:00x20 Rubber, Very Good **$1,250**



HOLMES WRECKER BODY, Model 501-C, Twin Booms **$1,250**

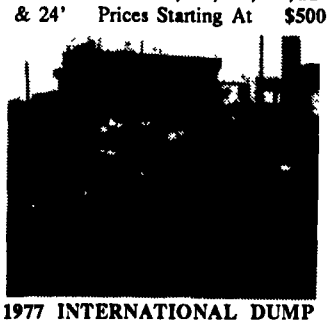


VAN BODIES 14', 16', 18', 20', 22' & 24' Prices Starting At **$500**

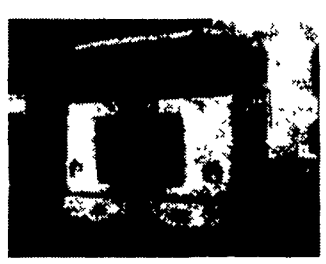


1979 KENWORTH K100 TRACTOR, 6-71T Detroit, RT1110 Trans. 23121 Rear With Air Tag, Budds Radials, Air Assist Steering **$6,900**

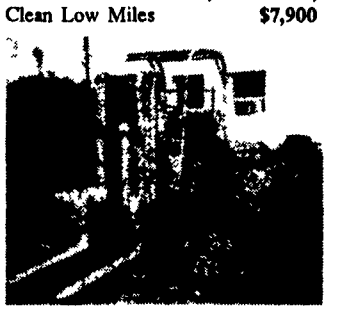
1982 FORD LN9000 SA TT, 6-17 Detroit, 9 Speed, R170 Rear, 11R 24.5 Radials On Budds, New Paint, Clean Low Miles **$7,900**



1977 INTERNATIONAL DUMP Model 1750 D170 Diesel Engine, 5 Speed, 2 Speed, Air Brakes, PS, 9' Body New Paint **$6,900**



1983 WHITE RC2, Single Axle Truck Tractor Sleeper, 300 BC Cummins, RT011610 Trans., 21121 Rear on 11R 22.5 Rubber, Good Inexpensive Unit **$7,900**



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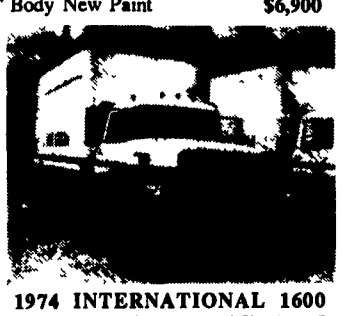

1974 INTERNATIONAL 1600 FREEZER TRUCK 345 Engine, 5 Speed, 2 Speed Rear, PS, Cold Plate Body, Runs Well **$2,250**

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237 Block	$1000
402 Gas	$850

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1693T Recent Major	$3750

FORD

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391 Very Good	$1000

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345 Good Used	$750
372 6 cyl. Good	$650

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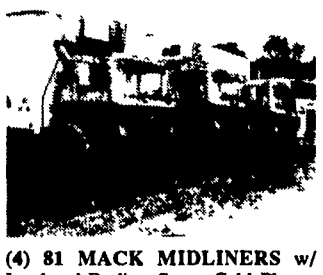
602 Military Rebuilt	$2000
602 Like New	$1250
572 Good Used	$1000
Y69 Rebuilt	$550
F162 New Block w/pistons	$375



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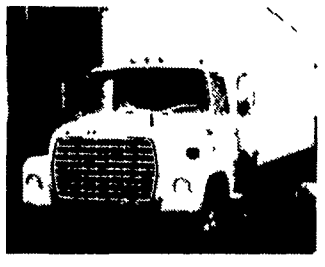

78 FORD LN7000 w/22 Van Body, 3208 Cat Reman, 5 Speed, 2 Speed, PS, 11R 22.5 Tires, 27,500 GVW, Good Unit **$5,900**

1980 INTERNATIONAL VAN S1854, DT466 Engine, 5 Speed, 2 Speed, 100% Air Brakes, PS, 28,000 GVW, High Roller But Runs Well **$4,500**

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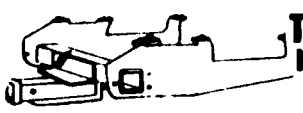

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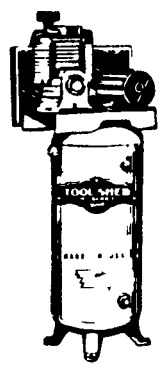

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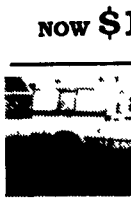

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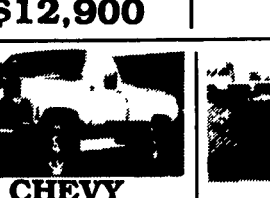
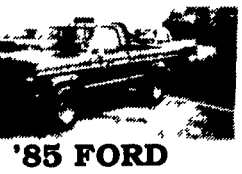
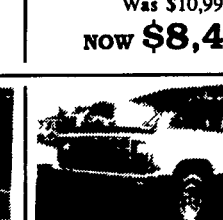
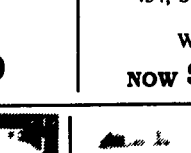


Holley







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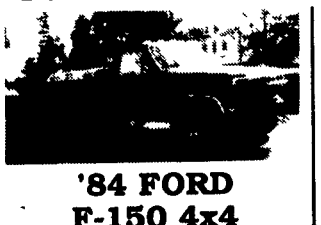

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366 Gas, AT, 7,000 Front, 17,000 Rear, 203" Whlbs., 70% Tires, 24,000 GVW, Low Miles, PTO on Trans.

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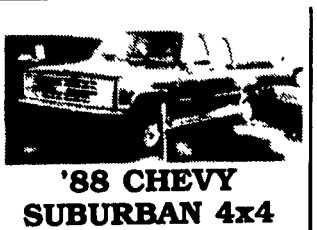
300 Eng., 7 Spd., 165" whlbs. PS, AC, Mack Camelback Susp. Fresh State Insp.



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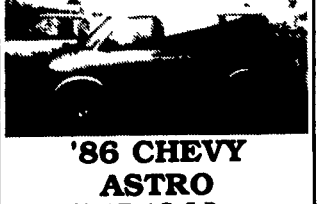
'77 IHC F-1800
V-8 Gas, 5/2, PS, 14 Ft. Steel Dump Body



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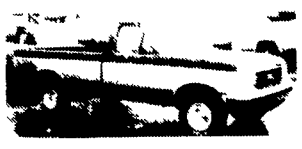

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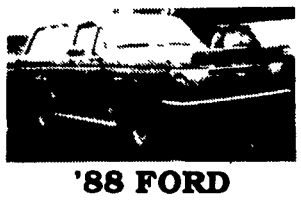

'88 FORD BRONCO
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SLE, V8 350, AT, AC #6000
Was $14,990
NOW **$13,300**

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V6, AT, AC, 7 Pass., #6026
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NOW **$7,450**

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AT, AC, 350, Silverado #6001
Was $16,900
NOW **$14,700**

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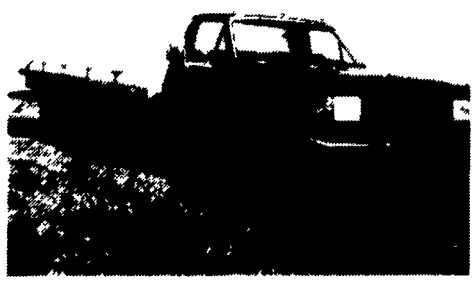

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500 acres, 300 tillable, Dairy Farm, set up for 125 cows Double 6 milking parlor, 3 homes, some irrigation 1-800-423-5242

65 acres between Millersville & Conestoga 90% tillable farmland, beautiful building site, 360 degree views, ag zoning $3,995/acre Call (717)299-7080

66 acres, Western Berks County, PA. House, barn, sheds, silo, pond Price greatly reduced PIELLER REALTY (215)693-5624

9+ ACRES of Heavely Wooded Mountain Land with deeded access to 100+ Acre Stocked Sportsmans LAKE Allegany Co NY -only minutes from POTTER CO, PA Great HUNTING area Full price ONLY $4900. -$500 down -$54 25 per mo -12 5% Int 180 mos Owner Financing Alma Pond F P 717-784-9022

CLINTON COUNTY Adjacent Bald Eagle State Forest Hard road frontage, easy access from 3mi I-80, 24 38 acres, sub-divided 6 parcials, perk approved w/ electric Generally flat, open fields, orchards and woods Excellent deer, bear and turkey area $50,000/Terms BIG WOODS LAND CO 717-769-6445

FARMETTE Stone farm house in the Denver area, 10 acres, plus barn, great place for horses $259,000 NORTH OF LITITIZ Horseman's paradise, 2 acres next to State Game Land, plenty of riding trails Log home consisting of 3BR, in the right setting $165,000 Call KINGSWAY REALTY, (717)569-8701

"Florida Lifestyle"- Manuf housing, guaranteed, lot fee, homes starting in low "30's" including carport, screen room, storage shed, central H/A + many extras Brochure by return mail Whispering Pines, P O Box 422266, Kisimmee, FL 34742 Phone 1-800-848-8119

7+ Acre wood lot, level tract lot road frontage. Red Lion area 717/244-1444.

Gentlemen's Farm-Juniata County One of the nicer homes with breathless view from all four sides-40 acres, bank barn, machine shed Available July/1991 For more information Donald M Whitesel, RD-2, Box-654, Mifflintown, PA 17059 717/436-6891.

LYCOMING COUNTY Adjacent State Game Land and PA Fish Commission 65 acres w/50 unit travel trailer park, overlooking 365 acre lake. Excellent fishing, hiking, hunting area. 12mi North of Williamsport PA. Excellent opportunity for semi—retired and ambitious couple who wishes investment opportunity w/recreation. $175,000/Terms. BIG WOODS LAND CO 717-769-6445

NY State, beautiful, profitable dairy farm. 1989 and 1990 yearly income, $210,000+. Asking $650,000 (315)688-4477.

Perry County 274 acre farm currently used as grain farm 2-story brick farmhouse, barn and other buildings in excellent condition Private and picturesque setting Much road frontage Owner financing $425,000 Also possible sale of approximately 1/2 of the farm New Horizons Real Estate, Bellefonte Office, (814)355-8500 or State College office (814)231-8540

Southern Somerset County, 100 acre farm, 70 tillabel, level to gently rolling acres, 40x70 barn, 30x60 machine shed, 2 12x30 silos, grainery, milkhouse, 6x54 corn crib, 3 bedroom frame house, short lane for privacy $145,000 814-926-4303.

WANTED Conservative Mennonite family to rent 108 acre dairy farm. 717/345-6278

FOR SALE· 10 acres woodland, Eastern Lanco, $6,500 Evenings after 5 30 (215)445-4241

FOURNIER REAL ESTATE
St Lawrence Valley. All Types Real Estate. Dairy, land, hobby farms and waterfront Bradley Love, Salesperson RR2, Box 274, Gouverneur, NY 13642 315-287-2234

For Sale by Owner, approx 87 acres, prime farmland, will consider selling adjoining farm, located in Center County. Call 814/422-8360

Wanted to Rent Dairy Farm in Lebanon-Lancaster Co. by Spring 1991. 717-664-4008.

CABIN FOR RENT
Mountain Cabin McClure, Pa., Mifflin County on 315 acres, utilities. Great for families, hikers, turkey, bear & deer hunters $150/Weekly
717-658-9555

YOUR FORTUNE BEGINS HERE
5+ Acres beautiful manicured pines, many unusual and ornamental trees are home to the elves (I heard them sing) A pond for gold fish, Walk Upon Bridge Exceptional for landscape business, veterinarian, oriental restaurant sub division
Tip Toe close to busy arteries
Call
215/562-7318

FOR RENT. Apartment in nice farm house for 1 or 2 adults. Will trade some rent for farm work Call 215-384-6174 after 7 PM

WANT TO RENT: Established farm family looking for steer farm with acreage in Lanc, York or Chester Co 717/656-6507

This beautifully restored log home is in a quiet country setting on a 128 acre dairy farm. Would also be ideal for horses and has subdivision possibilities. Call Lena at 687-0599 to see this lovely property.

OLDE Realty, Inc. TOWNE
687-0599

33 West Main Street, Strasburg, PA

FRED E. MORROW REAL ESTATE
New Bloomfield, PA 17068

PERRY COUNTY DAIRY FARM
128-acre dairy with 60 ties and pipeline, free stall barn with bunk feeder, 3 silos with unloaders, stream, spring and woods. 2-story, frame, 3-bdrm. home with large heated sunroom.
Asking $325,000.00

NORTHERN PERRY COUNTY
70 acre farm, newly remodeled 2-story frame dwelling, 4 bedrooms, fenced-in pasture, tillable acreage, pond, bank barn and other outbuildings
Asking $140,000.00

PERRY COUNTY
40-acre property with 10-acres cleared and stream. 3-bdrm, 2 story, frame dwelling, large kitchen, 2 full baths, oil and wood furnaces and 100-ft., 2-story frame outbuilding.
Asking $145,000.00

JUNIATA COUNTY
116 acres wooded and cleared land. Hunters dream.
Asking $79,900.00

JUNIATA COUNTY
40 acres wooded, adjacent to State Lands.
Asking: $64,500.00

PERRY COUNTY
25 acres, 7 acres cleared, remainder wooded. 700 ft. of hard road frontage. 2-story bank barn.
Asking: $48,500.00

PERRY COUNTY
74 acres. 44 acres tillable, remainder wooded. 3300 ft. of creek frontage.
Asking: $94,000.00

FRED E. MORROW, Broker
Phone: 717-582-8616

ALLEGHANY MOUNTAINS, VA
WALKER MOUNTAIN FARM - 410 ACRE southwest Virginia farm. 60 acres fine cropland, 145 acres bluegrass meadows and 200 acres of wildlife abundant forest. One story lodge overlooking valley and mountains. Nice compliment of farm buildings **$325,000**

For details on this or other farms & land contact.

James Wm. Moore Real Estate
32 South Main • Lexington, VA • 244450 • 703/463-7080

Modern Hog Operation For Sale By Owner
Attractive Farm in Central Delaware. 68 acres with 46+ tillable. Ranch home, outbuildings, grain bin, hog operation only 2½ years old, 175 sow farrow thru feeder pig. Call for more details. Contract available to qualified buyer, using Pic Genetics. No Sunday Calls. Farm in Amish Settlement.
Price Reduced
Ph. 302-734-8497

York County Turkey Farm with brick house, bank barn, sheds and fenced pasture. Could be horse farm or made for mini storage More farms in Adams County. Century 21 Country Home. Ask for Don Bankert 717/993-5111 or 717/229-2080.

FOR SALE
240 acre farm;
184 acre farm;
119 acre farm;
124 acre farm;
123 acre farm;
814-267-5248

FOR SALE WISCONSIN 120 ACRE FARM -
90 Acres Plowable - 30 Wooded, House, Machine Shed, Grainery, Silo. Old 2 Story House, But Has Been Remodeled. Hi Producing Heavy Loam Level Soil. Ideal For Dairy Farm Or Hog Farm. Excellent Water. Ideal Amish Farm
715-286-2887 Evenings

FARMS CUMBERLAND COUNTY

Hog and Beef Farm 1200 head hog growing operation with contractor, bank barn w/additions, 16x70 silo unloader, conveyors, 80' feeder, 78 Ac. limestone soil. 4 bdr. dwelling. Call Charles or Wib.

Dairy or Possible Development 61 acre limestone soil, no milking equipment, 16x60 silo w/unloader, 4 bdr. brick dwelling. Call for more details.

Charles Wenger, GRI, 263-0945
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

ADAMS COUNTY
238 AC Modern Dairy - 200 free stalls
140 AC Orchard - Apples, Peaches
94 AC General Farm (with creek)
31 AC 3 Bedroom Rancher wooded and open
21 AC 2½ story remodeled (Nice)
50 AC Stone Home (Built 1813) part orchard
33 AC Stone Home (Built 1865) open and wooded
20 AC House and Barn (orchard)

CENTURY 21 NEIGHBORHOOD REALTY, INC.
1060 York Road
Gettysburg, PA 17325-7509
1-800-627-2824 Ext. 216

SALT SPRINGS, FL A RARE FIND!
2 Lots, beautiful Lake Kerr privileges, fishing, boating and swimming,3 bdr., 2 bath mobile home, laundry room, car port, workshop, oak shade trees, grape arbor, well and septic for an additional home. Reduced to $39,500. ½ Down. Owner.
904-685-2826

130 Acre Farm w/7 Room House
140 Acre Dairy Farm w/3 bdr. rancher, free stall barn, 3 silos, 1 acre pond
Will Sell Together Or Separately
Call
814/448-2260

FOR SALE BY OWNER
149 Acre grain farm. 6 mi. NW of Gettysburg, PA. Scenic farming area, 2 story brick Civil War Farmhouse, pond, stream, bank barn, dairy barn, 3-car garage, chicken house and metal machine shed. Approx. ¾ of a mile of Twp. road frontage. Asking $460,000.
Call 717/677-8893

LYCOMING COUNTY DAIRY FARM
410 Acres, 225 tillable, 125 pasture. Complete operating Dairy Farm. 175 freestalls with all the accessories.

Call Harry Zimmerman

Office: 717-299-4885
Home: 717-355-2048
Car: 717-575-2542
TOWN & COUNTRY REALTY

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the November 24 or December 29 issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 364-1169

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St.,
State College, PA 16801
(814) 234-4000

INDIANA COUNTY, PA
1100 Acre Farm

East of Indiana, 2 miles from Rt. 422. 5 miles road frontage, gently sloping. NO steep hills. Too many buildings to list. Originally beef farm, changed to dairy farm. Development potential. 7 Harvestore silos. 40x600 bldg with 273 stalls. 2 mobile homes. 3 BR Farm House. $60,000 per year from gas wells. Possible $1.6 million assumable mortgage. Excellent investment. $2,500,000. Call Bob for details day or night.

McGOWAN REAL ESTATE, Inc.
Grove City Road P. O. Box 483
Slippery Rock, PA 16057
Phone 412-794-2892

ERA® Elkland Homestead Realty
P.O. Box 12, Elkland, PA 16920 814-258-5691
Land, camps, farms, home & commercial properties.
Call or write for free catalogue

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Each office independently owned and operated.

#5006 550 Ac BEEF-HORSE-GRAIN-HAY FARM All planted Hay - Alfalfa - Timothy. 5 bed rm., bath & half, remodeled home, several barns, 11 ponds 4 stocked-long frontage several roads - private - fenced & cross fenced - level to rolling - woods - maple grove - lots new alfalfa seeding. Full line eqpt. avail. BEST HUNTING IN EAST. 12 mi. city, 6 mi. village OWNER RETIRES. MORGAGE AVAILABLE. Valuable Miner Rights Included.

PAINTER REALTY
122 Seneca St.
Hornell, N.Y.
ph. (607) 324-5633
or 324-2999

TIOGA COUNTY

30 acres, stream frontage, mountain spring water, near quiet town of Wellsboro. $32,500 #1108.

16.7 acres mostly wooded, spring water, septic system on property. $25,000 #1065.

Farmette with approx. 25.6 acres in Richmond Twp., 3 bdrm home, mostly remodeled, bank barn & outbldgs. $65,000 #1110.

Koch REAL ESTATE

9 Cone Street
Wellsboro, PA 16901
717-724-3500

Farm and Home

Located in Eastern Lehigh Valley, recently used as chicken farm, also suitable for veal, pig, or mushroom farm. Property includes 6 year old home w/4 BR, store front, walk-in coolers, butcher room, power house, w/3 phase 220-150 amp service. In-law apt. w/ private entrance. Asking $269,900.

REALTY WORLD

REALTY WORLD NORTHGATE
1636 Washington St.
Easton, PA 18042
(215) 559-0700

WILLIAMSPORT AREA

90 Acre Dairy Farm, new barn, 2 homes, beautiful private setting, terms, $225,000.

109 Acres, Hunting/Fishing/Skiing/ Recreational farm, fine home, $132,000.

200 Acre Farm, available with or without buildings. Smaller parcels available.

Strout Realty
(717) 546-8753
(717) 584-4641 eve.

FOR LEASE

62 Cow Comfort Stall Barn With Ample Room For Dry Cows And Heifers, 4 Silos, (2 Corn Silage, 1 Haylage, 1 HMEC) And Efficient Set Up. Large Farm House With Hay Ground. Farmstead in Excellent Condition. Balance of Crop Ground Can Also Be Rented If Desired.

Chester County, PA
215-932-9762
Available April 1, 1991

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144 ACRE FARM - 51 comfort stalls, 900 bulk milk tanks, 2 silos, bunk feeder, feed bin, plenty of room for Heifers & very productive soil. Beautiful 4BR farmhouse w/ in-ground pool.

Call Dale Landis
(717) 738-4261 or 626-5875

JACK Gaughen REALTOR

19.5 ACRE FARM COMMERCIAL

Great investment potential. Early 1800's federal style, brick home with 4300 sq. ft on 3 floors - good original condition. 52'x56' barn with 2 wooden silos - good original condition. All on 19.5 level acres. Zoned Highway Commercial, 1600' frontage on busy intersection. Ideal for antique business, auction barn, nursery sales, or just a nice farm home to live in and let the commercial value grow. Eastern Lycoming County.

717-546-3498

FOR SALE
107 Acre Farm
Lancaster County
100+ Steers
100+ Hogs
Pond Good Buildings
5 BR Home
Call
Dave Skidmore
717-393-0646
Hogan & Assoc.

DANDY SHEEP FARM, 118 PA acres, excel pas ture, much sheep fenc-ing Stream, frog pond Completely-redone 2-story 3 or 4-bdrm home Good sheep barns & much more $165,000 Call for UNITED's new FREE CATALOG

UNITED NATIONAL REAL ESTATE
Ph: TOLL FREE
1-800-999-1020
Ex. 770

LEROY HIBBS REAL ESTATE (717) 837-0265

SNYDER COUNTY FARMS

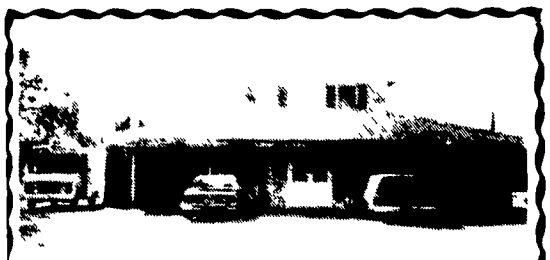
- 30 Ac. good hunting woodland $29,900
- 11 Ac. house & pole barn, stream $73,900
- 28 Ac. mod & mobile horse barn $95,900
- 45 Ac. Pond, timber 4 BR house $128,900
- 67 Ac. 4 BR house, barn, 38 till. $125,000
- 31 Ac. Hog Farm, 4 BR house $150,000

Call or write for our listing, or see our local listing in Lancaster Farming's

December 1st Issue

Longacre

Paul M. Longacre Real Estate
Rt. 100 Hereford, PA 18056
215-679-5919



BERKS COUNTY

Fully equipped cabinet shop, 3900 sq. ft., on 1 acre lot. 1150 sq. ft. living quarters on second floor includes 3 BR, full bath.

1050 E. Main St.
Rt. 724
Birdsboro, PA
For appointment and more details
Call (215) 582-3568

LOOKING FOR FARMLAND? CALL US!

A 198-acre dairy farm for sale at $465,000 This farm features loose housing for a 125-head milking herd, 3 Harvestore silos and 1 concrete stave silo, electronic scales, computer concentrate feeder, double 5 Herringbone milking system, and outbuildings

We also have the following properties

113-ACRE dairy farm — $128,500 93 tillable, 2 silos, excellent cropping potential, 3-bedroom house

180 ACRES — $155,000 General farm, 120 acres tillable, 3-bedroom house

170 ACRES — $300,000. This farm has coal, gas, and clay for fire brick. Great investment potential

190 ACRES — $325,000 House listed in Historic Register.

concept 100

Mark Hess at Concept 100 Real Estate
717-569-5500 or 717-291-9600

Kenneth C. Stover, Inc. Bedford County Area:

St. Clairsville, Pa.: 125 acres of cleared and wooded, secluded very private - 2 stry. 3 bedrooms frame dwelling, 2 bedroom garage apartment - each dwelling has its own well and septic. Panaromic view-near Blue Knob Ski Lodge **$139,900**

We have other listings - please call us - we have large acreage for development and small acreage.

OFFICE PHONE: **814-224-2161**
Agents: Parris 814-735-3300
Patty 814-623-1601

DELAWARE FARMS

160 ACRE FARM
94 tillable, house and buildings, near Sandtown
$256,000

89 ACRE FARM
79 tillable, house and buildings, near Burrsville $265,000

77 ACRE FARM
53 acres tillable, old house, near Sandtown
$105,000

D/E DAN ENTERLINE REAL ESTATE
Dover, Delaware
302-674-5544

MERCER COUNTY, PA
365 Acre Dairy Farm

Near I-79 and I-80. All buildings including house in very good condition. Had more than supported 130 head of cattle and over 1000 laying hens. Storage for 40,000 bushels corn. Gentle sloping land. NO swamps. Coal, limestone, and sand and gravel on property. Fields too beautiful to strip. Excellent move-in condition. Only 50 miles to Pittsburgh. Bargain priced only $795,000. Call Bob for details, day or night.

McGOWAN REAL ESTATE, Inc.
Grove City Road P. O. Box 483
Slippery Rock, PA 16057
Phone 412-794-2892

MIFFLIN COUNTY - NEW LISTING:

River Front Lots On The Juniata River. Lot sizes range from one to three acres. Enjoy fishing on the restored Pennsylvania Canal and the nationally publicized Juniata River. State game lands for hunting is within fifteen minutes.

This Unique Second or Primary Home Development is also within fifteen minutes of Ski-Snow Peak, thirty minutes of Penn State, and forty-five minutes of Raystown Lake.

All Lots Have Underground electric-telephone-television cable with on-site approved well and septic. Prices start at $6900.00; Financing is available at 10% down with 11¼ % interest for 60 months.

Fall and Winter Special: selected lots reduced by 25% Call Now!
717-248-3973 (Days) or 248-9490 (Eve).
Make an appointment now to visit our model home which may be purchased at a reduced winter price, lot included.

For Sale on MD Eastern Shore,

this well respected wholesale/retail greenhouse and nursery operation is located on 26.6 acres in one of MD's fastest growing areas minutes from Annapolis, Baltimore and Washington, DC. Facility includes 17,760 sq. ft. of biotherm heated greenhouses attached to 2,000 sq. ft. head house, (3) 16'x145' cold frames, and high volume deep well. Price includes inventory, improvements, i.e. irrigation pond, drip irrigation system, and greenhouse equipment. Excellent gross and income potential. Modern 3 BR house w/inground pool on 3 acres may be purchased separately.

Interested parties only, call
(301) 758-0100

36 REAL ESTATE

FOR SALE

200 Ac., 7 room brick house, large barn in South Christian Co., Ky.

79 Ac., 5 room brick home, Fairview, Ky Mennonite area.

272 Ac., cattle farm North of Hopkinsville, Ky 7 room house, and 4 barns.

For more details call or write

West Ky. Land & Auction Co.
1007 S. Virginia St.
Hopkinsville, Ky 42240
Phone: (502) 885-3117
Nights: Stanley Fritz (502) 886-4216
@ 7:00 or 8:00 P.M. Central Time

Farmette - 3.7 A Near Spring Rung

Large Frame House, comb. barn and silos, nice view, priced at only $65,000.00.

General Farms - 130 acres good hunters farm near state land. Buildings, poor condition. Near Doylesburg.

Mosemann Real Estate
Call James Marsh
717-529-2678

NEW OPPORTUNITIES

670 ACRES - BRADFORD CO.- dairy w/64 stanchions, 64 free stalls and room to build on. Excellent fertile farmland. Modern home in excellent condition. Pipeline, 2 bulk tanks, barn cleaner, excellent heifer & young stock facilities, 2 Harvestores and a star top unload. 2 houses and extra bldgs. Priced under 1,000.00 per acre. Owner retiring and ready for a new owner. Can be purchased w/stock & equipment.

LANC. COUNTY - 39 acre dairy in Ephrata area. Comfort stall farm and free stall, bunk feeder from silo. There is a shaving business doing approx. $50,000 gross per year. A great opportunity for a lg. family. Priced under $400,000. Reduced to under $370,000.

LYCOMING COUNTY - Vacant dairy farm with large barn with 64 stanchions, 4BR 2 story house. Just reduced $20,000.

Sanford G. Leaman
717-393-BIDS

WANT TO PURCHASE

Farms in Lancaster Co.
717-393-0646
Ask For Dave Skidmore

DAIRY FARM

188 Acres w/135 tillable, highly productive limestone/loam soil. Dairy barn only 7 yrs. old, 110 stanchions/mats, pipeline milker, 2000 gal. tank. Box stalls and heifer barn and bunk feeder, 3 silos with unloaders, brick farm house, modern kitchen and baths. An excellent family farm operation. Northumberland Co. $580,000

TOWN AND COUNTRY REALTY
250 N. Duke St.
Lancaster, PA
Ask for Paul Reitz
717/393-5975
717/299-4885

Thinking of marketing your farm?
You need to call on the experience of Harry Zimmerman for professional confidential service
TOWN & COUNTRY REALTY
717-299-4885 Office
717-355-2048 Home
717-575-2542 Car Phone

EXCELLENT FARM OPPORTUNITY CHECK BEFORE YOU BUY!

92 acres with a beautiful 4 bdr. 2 story house. Large frame barn in excellent condition with slate roof and a 14x70 cement stave silo. 3000' of frontage. Only $545,000.

Mini farm with 4 acres and a 10 yr. old beautiful stone house with small barn and silo. Located South of Quarryville. Only $210,000.

Town & Country REALTY
250 N DUKE STREET
LANCASTER PA 17602

Call Clarence Wenger
Office (717) 299-4885
Home (717) 284-4423

WIMPLE ASSOCIATES

APPROACHING 21,000 POUNDS and rising fast. High-producing herd on this 350 acre Mohawk Valley farm with 275 acres tillable. Barn holds 128 head, has 2" Delaval pipeline, tiled mangers, 20x70 and 20x42 Harvestors plus 20x50 CS, cement yards, TMR mixer. Two fine homes, 3 and 4 bedrooms. INCLUDES: 145 head with 90 milking, 4 large tractors, complete machinery for $550,000 or $350,000 bare.

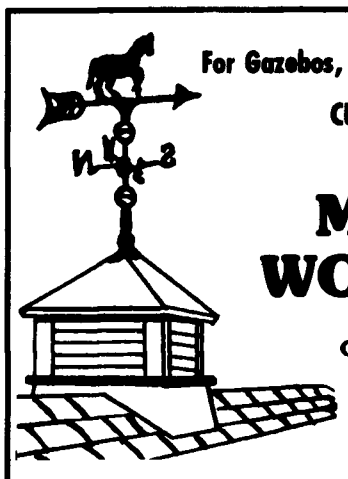
COLLEGE TOWN RESTAURANT and lounge. 12,000+ college students assure an excellent business at this "like new" restaurant and lounge with upper and lower dining rooms, modern kitchen and large bar. 3 story brick storage building. Mobile home. JUST LISTED! $325,000 terms.

528 ACRE DAIRY in rich honeoye soil belt near Richfield Springs. Barn has 104 stalls, 2½" pipeline, (2) 20x60 CS silos plus 20x40 sealed for HMC. Two newer homes; 3 and 4 bedrooms. $425,000 bare . . . cattle and equipment extra.

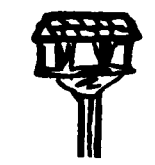
MORT WIMPLE ASSOCIATES
SLOANSVILLE, N.Y.
518-875-6355
FAX: 875-6749
NEW FREE FARM CATALOGUES

105 ACRE SNYDER CO. FARM

Neat 2 story 4 BR brick house in good condition. 97 acres in high state of cultivation. Bank barn, several equipment buildings, corn crib. Strong water supply. Artesian well. 2 springs w/pond site. Good location for your new broiler or turkey operation. Priced under $2,000 per acre. Spring possession.
Contact: Charlie Brooks
DENNIS E. BECK REAL ESTATE
Office: 717-627-2325 Home: 717-436-8431 (Anytime)

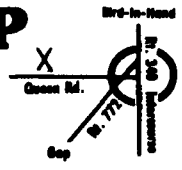


For Gazebos, Storage Barns, Commercial Buildings, Etc.
CUPOLAS • WEATHER VANES
REDWOOD BIRD FEEDERS



MANNIE'S WOOD SHOP

58 QUEEN RD.
GORDONVILLE, PA 17529
(¼ mile S. of Intercourse)



Come & See Our Inventory On Display

NORTHERN IOWA FARMS

318 acres, 273 tillable, farrow to finish facilities, milking parlor, 3 Harvestore silos, 76 free stall barns, could feed cattle in place of dairy. Nice 3 BR ranch style home. Contract.

254 acres, 225 tillable. Grain and livestock. 2 nice homes. Excellent hog and cattle facilities. 4 Harvestore silos. 90 CSR, drying bin, extra land to rent nearby. Cash or cash to contract.

200 Acres, 193.5 tillable, 83 CSR. Nice home. 2 silos, good usable buildings. Contract.

120 Acres, 3 Br ranch home, 2 silos, Cargill hog type finishing unit, cattle shed, grain dryer and storage.

340 Acres, 39.8 acres in CRP, 261.9 tillable. Good home. Drying bin. 2 silos. Many good useful buildings. A long contract.

Squier Real Estate
729 Main Street, Osage, IA 50461
515/732-5790 Day or night

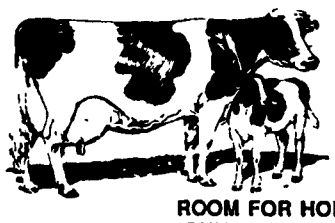
HEGINS TOWNSHIP, SCHUYLKILL CO...

185 ACRES NEAR VALLEY VIEW...

52 Tillable, 13 Pasture, 120 Wooded. This is a lovely setting with a pond, stream, outbuildings, 2 story frame home with 4 bedrooms & 2 baths, a bank barn. Rausch Creek runs through property. Please call for more details!

RICH BRANDT FARM REAL ESTATE
2033 Penn Avenue, West Lawn
Reading, PA 19609
(717) 274-3622 - office - (215) 678-1122

FARM FOR SALE



SUBURBAN REALTY
FARM DIVISION
30 W. Main St.
Annville, PA 17003
717-867-4487

ROOM FOR HORSES "COUNTRY LIFE" on the North Side of the Blue Mountains Lebanon County. Almost 5 Acres $84,900

Lovely country setting, GREAT for horse lovers Well maintained country home w/3 Bdrms., 2 full baths, LR, kitchen, lots of closets, new roof, new oil H/W furnace & new 20'x20' horse barn w/2 box stalls For appt Call
Debra J. Carroll at 274-8354

WRITE OR CALL FOR BROCHURE OR FARMS & LAND.

CONVENTIONAL SET-UP

#851 - For the family looking for an exceptionally nice large conventional tie stall barn, recently new 140 cow barn designed right. Lots of airflow, high ceiling, cool in the summer, warm in winter. Wide alleys, enclosed manure room, big silos, large milk room, 2000 gal. tank. The nicest conventional barn we have seen. 58x60 insulated shop w/wide tall doors, 54x80 machinery building. Very nice 8 room home, oil HW heat, 300 acres, prime cropland with potential for future development. Owner says he is getting too old wants to retire. Priced reasonable $480,000. More land available if desired.

Note: We have several very large dairy farms, 600 to 800 cow operations, also a 900 acre crop farm. These are great for investor or large family.

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HERITAGE REALTY GROUP INC
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814-231-0101

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Residence: (814) 422-8111
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FARM & RURAL PROPERTY DIVISION

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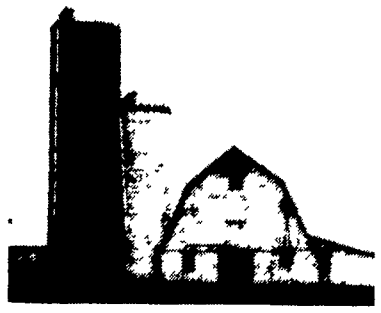
We strive to be #1 in "PROFESSIONALISM & PROMOTION" offering:

- **A Comprehensive Advertising Program (local, regional & out-of state)**
- **Video tapes of operating farms**
- **Ag Progress Days exposure**
- **Detailed brochures**
- **Radio real estate talk show**
- **17 years of rural property experience**

Whether buying or selling, we would be pleased to be of service to you. Many farms, farmettes and land parcels available. Call or write for free lists, or see our bi-weekly Lancaster Farming inventory ad in the December 1st issue.



For Sale - Dairy Farm Of 133 A, well maintained buildings, good well and pressure system, silos, early farm with good land, Large 2½ story house, built in 1800's, handcrafted stairway, gas heat, contains 13 rooms, two bath rooms, screened in porch. Large heifer barn not on picture.

Newark, N.Y.

Call 717-354-9226

Huge Stone House - 7 bedrooms, 3½ baths, large bank barn and workshop, large farm pond, all on 8 acres (more land available) Near exit 21 of PA Turnpike.

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(Close to Chester Co. Line)

120 Acre Dairy Farm - choice soils - topography suitable for many uses. 56 comfort stalls, 19 free stalls. New 1500 gallon milk tank. 4 silos, manure lagoon, new heifer barn, 2½ story stone house w/ modern facilities, 4 bedrooms, 2 baths, attached garage, etc.

ALSO:

Chester Co. - "Horse Country"

53 ACRE MODERN DAIRY w/50 comfort stalls and gravity flow manure system - pipeline - bulk tank - 3 silos, etc. Large Farm House 6 BR Modern kitchen and 2 baths - big pond - must see!!!!

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Lewistown, PA 17044	**(717) 248-3904 FAX**
JUNIATA CO. OFFICE	**(717) 436-8839**
SNYDER CO. OFFICE	**(717) 374-8106**

WE ACT AS LOCATORS FOR FARMS AND LAND

F302 - Mifflin County - Ferguson Valley - PRICE REDUCED ~~$250,000~~ $225,000 131 acre dairy farm, ideal for beef Pipeline, bulk tank, earthen manure storage pit, 3 silos, 72 free stall barn and 20 heifer stalls. 80 acres production land and balance woodland and farm site with 2 houses (2 story farm house 4 BR and a 4 BR ranch house, 2 baths, solid oak kitchen and stone fireplace in large family room, living room and dining room).
Adjoining land for rent on long term lease
85 acres of ridge and mountain land adjoining farm available $50,000. Dallas Will, Farm & Land Specialist - Ofc. 717-248-5451, Hm (717) 543-5685

H101 - Huntingdon County - Porter Twp, 152 Acre dairy farm with 98 free stalls and double six milking parlor 4 c.s. silos and 1 trench Good soils, partially flat and partially rolling Road frontage Rental land available An outstanding 12 room early american mansion house. You must see this one Call Rachel Port Home (814) 669-4194 or Dallas Will, Farm and Land Specialist, Office (717) 248-5451 or Home (717) 543-5685

F152 - Snyder County - Meiserville - 112 acre[illegible]ral farm with creek, road and state game land frontage Newly re[illegible] with central vac, thermopane windows, stone fireplace, [illegible] and new plumbing and rewiring Large bank barn Ideal for beef, [illegible] or horses. Call Rick Walters - Office (717) 436-8839

CONTRACT PENDING

F201 - Snyder County - 144 acre Christmas tree plantation, 90,000 premium Douglas Fir and Blue Spruce Trees. Minimum of 10,000 7' Douglas Fir can be harvested this year Call George Harrison - Office (717) 374-8106 or Home (717) 672-9127

OTHER C-109 - Snyder County, Chapman Township - 17½ acre campground along stream. 28 campsites (electric and water) building houses restrooms, showers and office. 7 room brick ranch home. Great opportunity $106,500 00 Call George Harrison for details Office (717) 374-8106 or Home (717) 672-9127

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77 Acre M/L Dairy Farm, 46 Tie Stalls, Pipeline, Milker, 1000 Gal. Bulk Tank, Two Silo's Dry Cow Barn, Calf Barn, House (NR) & Mobile Home. Ask for Ed Meyer for Details and Free Brochure.

$192,500

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Herkimer County, 380 acres, 160 crop land, balance pasture & woods, good free stall barn, w/ dble 5 Bou-matic parlor, 3 Harvestores and 1 concrete silo, lagoon w/liquid spreader, Bobcat, good 3 BR 2 bath Cape Cod home $365,000. Cattle, equipment & financing available, excellent buy

Otsego Co., 450 acres, 350 tillable, good 140 stanchions 2 row barn, bulk tank pipeline, 2 silos, outbuildings, good 4 BR updated home, plus 3 BR double wide w/garage 78 acres alfalfa, terrific buy, $375,000 Cattle available.

Ostego Co., also Cooperstown area, 259 acres 100 cropland, 109 acres pasture, partly workable, 50 acres woods, 47 stanchions, heifer barn, 2 silos, 12 room home, 2-car garage, $269,000 bare Cattle and some equipment available.

Oneida County Clinton/Deansboro Area Excellent dairy modern 143 tie-stall barn, (4 rows) 2 Patz gutter cleaners, 2" pipeline, 2000 gallon tank, 3 stave and 1 Sealstore silo w/unloaders, metal equipment building, heated shop building, 25,000 bu. grain bin w/ dryer, good soils, nice remodeled 3 BR home, owner retiring Cattle and equipment available Additional land and 2 more homes available

Finger Lakes, Ontario County 760 acres, 500 tillable, New York State's finest soils, Honoeye and Lima, excellent dairy farm w/milking parlor, 200 free stall barn, 2 stave and 3 Harvestore silos, slurry tank, 4 houses, will divide. Call for details

Montgomery County, 295 acres, 250 tillable, double 5 parlor, 120 free stalls plus 90 stanchions, 4 silos, modern home, feed included $425,000 More land, second home, available

Other farms - all sizes available

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10.7 Acre Poultry Farm in full operation with all equipment included. Approximately half wooded. 3 Chicken houses equipped for 20,000 chickens. Features: 4 Bedroom home, 3-car garage. Well kept property with attractive setting. Adamstown.

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215-286-5183
Titus Snader, Agent
Milton, PA 17847
717-437-2714

Montour Co.

122 Acres approx. 4 mi. east of Washingtonville with large house & large barn with 40 comfort stalls for dairy cows plus room for 12 horses & 20 heifers 1 silo 16'x60' milk house 16'x20' large storage shed, 40'x100' 2nd barn 36'x120' with woodworking shop, if you're in need of dairy farm, check this one.

Lycoming Co.

200 acres large dairy operation with nice house + 64 tie stall barn and 123 free stall barn with feed bunk from 3 large silos. Bulk milk tank approx. 800 gal. feed storage & mixer, lots implement storage grain dryer & large concrete manure pit, land fairly level & high yield capabilities, other housing available.

140 acre 85 tillable with house & dairy barn, 35 tie stalls, box stalls for horses or heifers 20. 2 med. size silos, 600 gal. bulk tank + large implement shed, grain storage, real nice farm land, good producer.

Contact Titus Snader
(717) 437-2714

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& Surrounding Counties

20 acre farmette, large 4 bdr home in good repair, large bank barn, machine sheds, drive thru corn crib Rent Option or No Down

Large diversified operation.

Hogs, cattle, layers, modern buildings w/ manure pits, large machine sheds & shop, 2 good homes & trailer pad. 174 acres, 155 tillable. Possible Owner Financing $325,000.

160 acres, no buildings Timber, farmland & streams Can be divided $1,500/acre Owner Financing Available

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Snyder County: 3 acre farmette, 3 bdr. 90 year old home- in excellent condition, 1½ baths, fireplace, in-ground pool & barn. Beautifully landscaped. Located on a side road. $155,000.

300 steer feedlot, 3 Harvestores, 8 acres newly fenced Owner financing $77,000.

20 acre farmette, 4 bedroom home, nice barn, plus outbuildings, stream & large pond $139,000

75 acres level prime farmland $150,000

300 acres approved sub-division, city sewage Excellent owner financing possible $900,000

140 acres dairy farm w/64 modern stanchion barn, heifer barn, 2 Harvestores & 1 stave silo 3 bdr remodeled home, private, excellent location $600,000

100 acres, 60 tillable, 25 pasture, balance wooded streams, no buildings No Down or Rent Option $140 000

47 acres, mostly clear farm land, stream thru excellent for Christmas trees No Down or Rent Option $69,000

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600-16 4 Ply TT	$43.95
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Dyna Rib Premium

14L-161 6 Ply TL	$209.95
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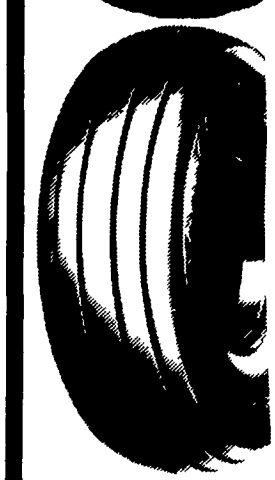

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95L15 8 Ply TL	$59.95
11L15 6 Ply TT	$51.95
11L15 8 Ply TT	$53.95
11L15 6 Ply TL	$54.95
11L15 8 Ply TL	$56.95
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Buy a pair of Dyna Torque radials now. If, after 90 days from day of mounting, you are not completely satisfied with the performance of these tires, we will remove them and replace them with new Goodyear Dyna Torque bias ply tires of like size and ply rating and will credit you for the difference.

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READ WHAT DAIRYMEN HAVE TO SAY ABOUT Master Mix ProTek DAIRY FEED

E. Esh
Gordonville, PA

Forage Program

* 35 lbs. Corn Silage
* 15 lbs. Alfalfa Hay

Grain Program

* Sensenig's Custom Flaked Dairy made with Master Mix ProTek®
* Topdress Testmaker 18 Hi Peak™

"The first two years I fed Master Mix ProTek, I gradually increased my production. This last year I switched my topdress from Testmaker 18 High Fat to Testmaker 18 Hi Peak and I saw the most increase. I also have better breeding by feeding the Hi Peak and the body condition on my cows is a lot better than it was this time last year.

"In my last year, my herd average went from 18,300 to 20,200 with my butterfat staying the same and my pounds of fat increasing. I started to feed Hi Peak in mid January and the cows were averaging 60 lbs. of milk with a 3.8 test. By mid February the cows were averaging 70 lbs. of milk with a 3.7 test. They continued to hold that production for four months until I turned them out on pasture when they dropped to averaging 67.5 lbs. of milk with a 3.6 test. I can't complain about the service at Sensenig's; in fact they have super service!"

Forage Program

* 30-35 lbs. Corn Silage
* 14-15 lbs. Alfalfa Hay

Grain Program

* Sensenig's Flaked Dairy made with Master Mix ProTek® concentrate
* Topdress Testmaker 18 HF

"With the lower quality hay forages I had last year, I decided to try a suggestion I heard at Sensenig's Dairy meeting. I fed heavier on the Testmaker 18 HF (about 6 pounds more) and I pulled back on my flaked dairy at the same time and my cows picked up right away. They really just took off! In April, I had 7 cows with 105 lb. average and they all held their backfat and most were bred back at the end of July.

"The cows' have good appetites and they clean up their feed. I have nothing to complain about with my butterfat tests. My butterfat has been running consistant the last couple of years while my production is increasing. From two years ago when I started with Sensenig's Feed Mill, I'm up a good 1500 pounds on my herd average."

Sam B. Lapp
Gordonville, PA

Jonas Beiler
Christiana, PA

Forage Program

* 30 lbs. Corn Silage
* 15 lbs. Alfalfa Hay

Grain Program

* Sensenig's Custom Flaked Dairy made with Master Mix ProTek®
* Topdress Testmaker 18 Hi Peak™

"A year ago, my production was very good; however, I struggled with maintaining backfat on my highest producing cows. This year I switched from Testmaker 18 HF to Testmaker 18 Hi Peak. The Hi Peak pellets are holding the backfat on my cows a lot better than a year ago. My production on the Hi Peak is also very good. I averaged over 70 lbs. for 3 months and my butterfat stayed the same. My breeding is good, too, with my higher production.

"I can't complain about appetites. I think they eat really good. I also feed grain four times a day. Since using Hi Peak, I do not have to overfeed grain in late lactation like a year ago. I think I'll just stick to feeding Hi Peak."

A Sincere THANK YOU To The Above Dairymen For Their Time And Effort.

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ROY & LAYNE KLEIN AND FAMILIES
EASTON, PA

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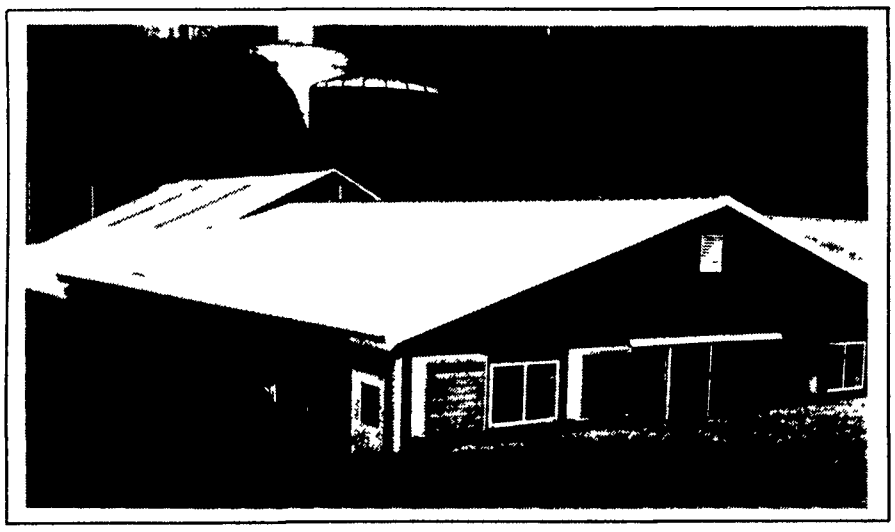
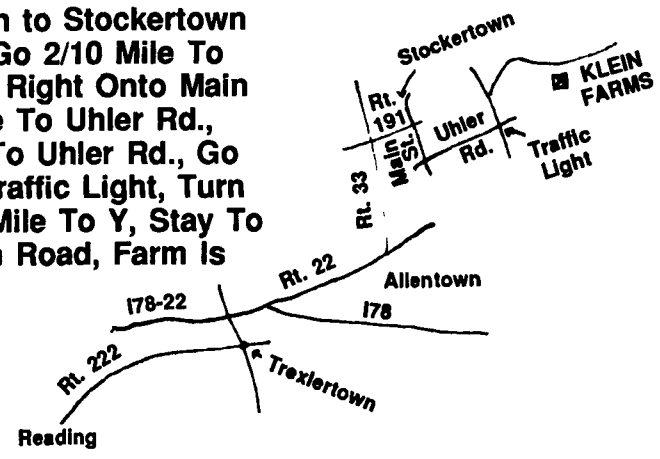
10:00 AM to 2:00 PM



DIRECTIONS:
I-78 East To Rt. 22 East To Route 33 North to Stockertown Exit (Rt. 191) Go 2/10 Mile To Main St., Turn Right Onto Main St. Go 1.5 Mile To Uhler Rd., Turn Left On To Uhler Rd., Go 6/10 Mile To Traffic Light, Turn Left, Go 5/10 Mile To Y, Stay To Right On Klein Road, Farm Is On Right



FEATURES:

- ★ INSULATED STUDWALL CONSTRUCTION
- ★ VENT-O-MATIC VENTILATION SYSTEM
- ★ SHOW-EASE CUSTOM 6 COMFORT TIE-STALLS WITH COWMATS

A Special Thank You And Congratulations To Klein Farms - From Those Who Participated - For The Opportunity To Render Our Services And Expertise In The Completion Of Your New Tie-Stall Dairy Barn Addition and Renovations.

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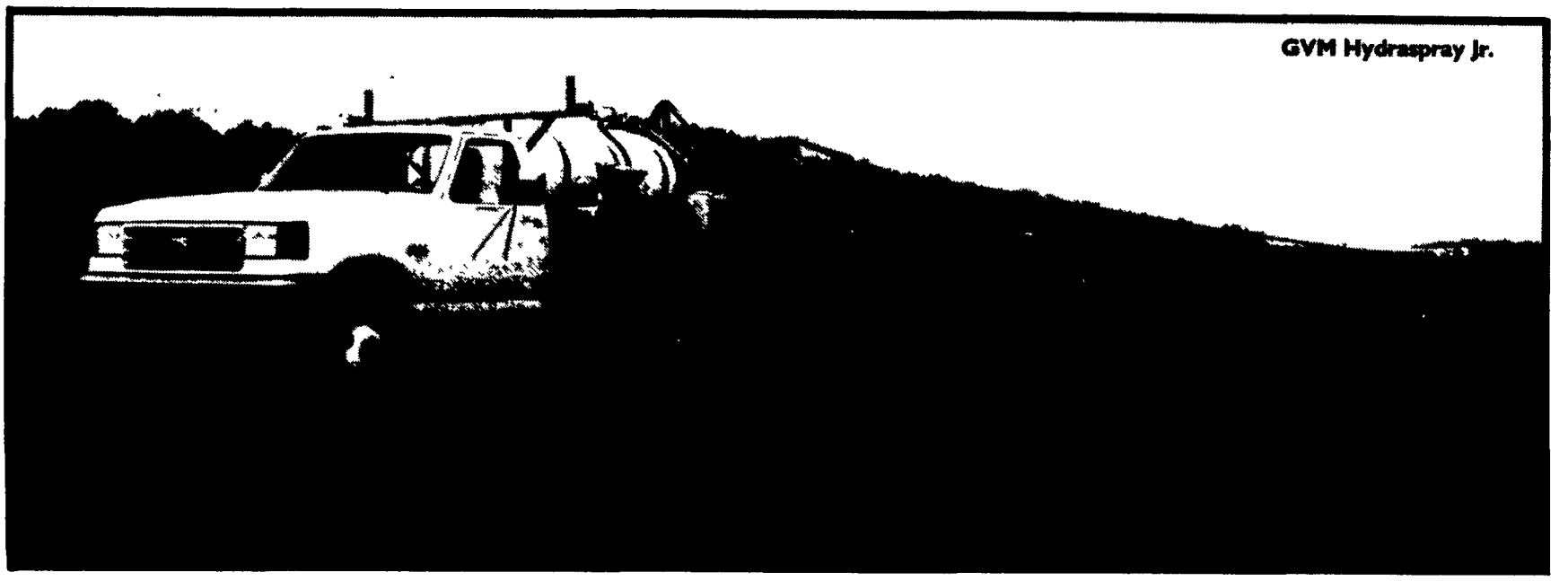
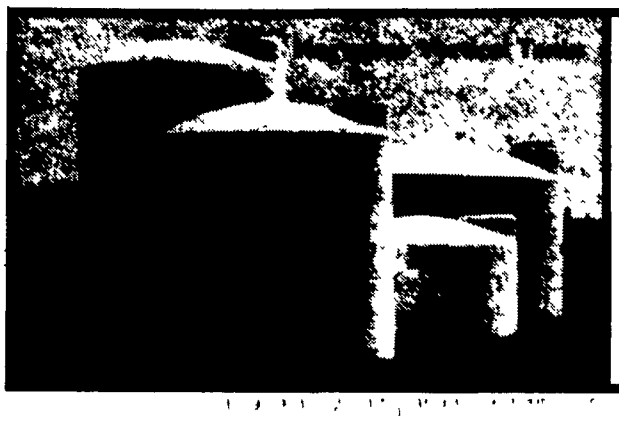
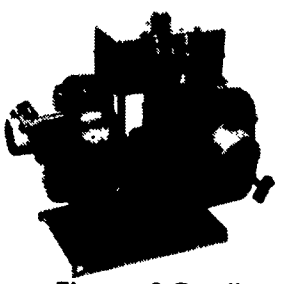
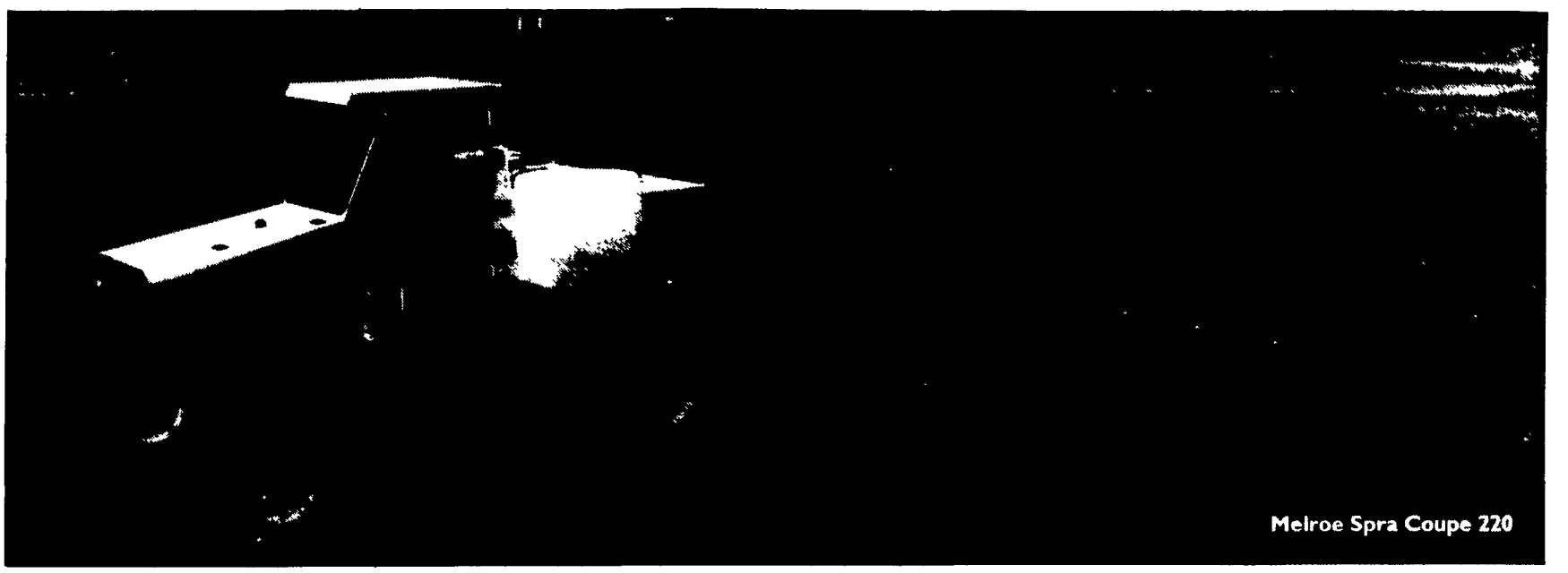




Spray Systems Accessories

Norwesco Valves


Flomax 8 Gasoline Engine Driven Pumps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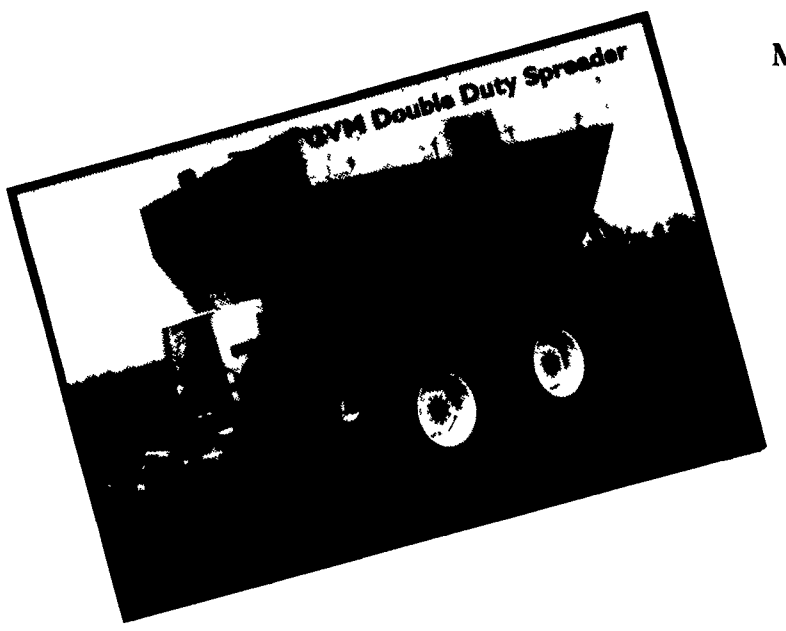
From sprayers to accessories, we handle all your agricultural needs.



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GVM
INCORPORATED
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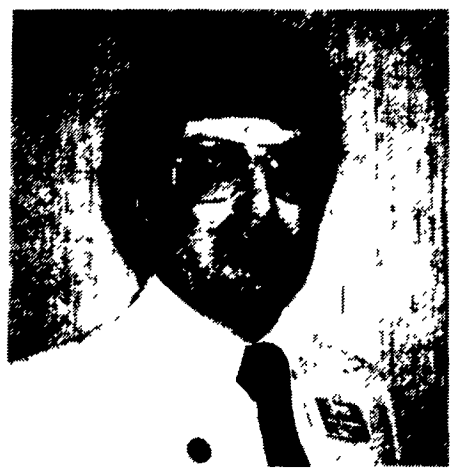
Business News

Agri-King Names JOHN KENAMOND Area Manager



MIFFLINBURG - Agri-King recently named John Kenamond Area Manager of Snyder and eastern Union counties.

Kenamond has several years of experience in dairy farming having owned and operated his own farm for 24 years.

Agri-King tests feedstuffs and formulates rations for livestock producers in 27 states. The 22-year-old company is based at Fulton, IL.

Kenamond, his wife, Nancy, daughter, Leslie and son Daniel reside at rural Mifflinburg.

Farmers Want Export Credit

ST. LOUIS, Mo. — The American Soybean Association (ASA) today is calling for grassroots action to urge President Bush to approve Export Credits to increase U.S. soybean exports to the Soviet Union.

"The United States is the only major industrialized nation that has not already granted export credit to the Soviet Union," said ASA President M.N. "Buck" McCann. "We are losing sales of soybeans and other commodities to our competitors. As a result, prices of this year's bountiful U.S. harvest are in a tailspin."

According to McCann, the American Soybean Association is urging its members to contact the President and call, write or make personal visits to their Representatives and Senators to urge increased political pressure on the Bush Administration to make the Soviets eligible for credits.

"We've been active on this issue for some time," said McCann. "We've made a number of personal contacts with officials in the Bush administration. Also, we've had ongoing meetings with Soviet trade officials and sent a letter to President Bush urging that the Soviets be granted Most Favored Nation status which would allow U.S. financial credit and guarantees."

In addition McCann notes, ASA joined other commodity groups in sending letters in October to both the President and Vice President urging the extension of export credits under the USDA's GSM program to the Soviet Union. The letters pointed out that U.S. farmers have already been asked to bear a heavy burden in U.S. budget cuts: "The further burden of the loss of the Soviet market, seems to us excessive and unfair, particularly when the obvious remedy — extension of GSM credits — is at hand."

According to McCann, Soviet officials have told American Soybean leaders they need the equivalent of one billion bushels of soybeans to provide adequate food protein for their livestock and poultry industries. In addition the Soviets have unmet needs for vegetable oils.

"It is a huge potential market," said McCann, "But without export credit the Soviets cannot finance the imports they need to continue to open their economy. More damaging still, other nations will step into a market that could belong to U.S. farmers."

Merry Christmas

Hay Rake Joins Product Line

GIBSON CITY, Ill. — M & W Gear Company announces the addition of the SR320P pull-type rotary hay rake to the M & W line of hay handling products. The SR320P working width of 10 feet, 6 inches is quickly narrowed to a 6-foot, 6-inch transport width by storing the pick-up tines. Twenty-four tempered tines gently move material into windrows. A cam track lifts tines over material just gathered. The single rotor, pull-type rake uses an enclosed gearbox and simple, strong construction for extended service life. Height is easily adjusted from the driver's seat. A tractor power output of only 22 horsepower is required for operation. For more information, contact M & W Gear Company, Route 47 South, Gibson City, IL 60936.

Aggressive weed control in minimum- or ridge-till programs is easier with the new Case International 184 minimum-till cultivator.

Cultivator Allows Easy Weed Control

RACINE, Wis. — Cultivating close to the crop can be tricky in heavy residue conditions. But now, aggressive weed control in minimum- or ridge-till programs is easier with the new Case International 184 minimum-till cultivator.

"Rigid shank mounting provides the cultivating action that breaks up tough soils between rows," said Dennis Whitehead, Case International product director, planting and seeding equipment. "Each heavy-duty 1¼ x2x26-inch shank is mounted securely to the carrier bar with a rectangular bracket. Also available is an optional 26-inch, spring-cushion shank. Four bolts keep the shank in precise alignment. Shanks on narrow models use 16-inch sweeps, while wide-row models use 22-inch sweeps."

This results in exceptional clearance for working in heavy residue, he said. "The growing number of farmers adopting reduced tillage practices will appreciate this advantage."

The 184 cultivator's 7x7-inch tubular main frame withstands the high draft loads common in reduced tillage operations, Whitehead said. Wide, heavy-duty parallel linkages maintain pinpoint accuracy. The upper linkage features regreaseable pivots, while the lower links have four sealed bearings for long life at wear points.

"Gang frame strength extends row unit accuracy all the way back to the sweeps," Whitehead said.

Depth settings are easily adjusted for any field condition. Every row unit has an 18-inch, straight-blade coulter. Each coulter can be adjusted from 0 to 3 inches deep in 1-inch increments. The gauge wheel and coulter on each gang work independently for proper depth control and easy penetration.

Clincher-type gauge wheels are made of 4x16-inch rubber. Gauge wheels can be adjusted in half-inch increments.

Each 184 model, from 4- to 12-row widths, comes with a Category II/III 3-point hitch. A quick-couple hitch bar mates with tapered receiver fittings on the lower hitch arms for easy hookup.

Optional equipment includes:

- Spring-cushion shanks which can ride up and over obstacles.
- Disk hillers can be adjusted to move soil to the crop to cover weeds in-row or away from the crop when seedlings are small, plus help form ridges in ridge-till operations.
- Crop shields to protect small crops from soil and crop residue, and allow faster cultivating speeds.
- Ridging wings which can be adjusted to form any size of ridge desired (14 inches, narrow row; 18 inches, wide row).
- Lift assist wheels for 6-row wide and larger.
- Weight brackets to provide additional down pressure for tough cultivating conditions.
- Tank hitch.

Broiler Placements Down 6 Percent For Week

HARRISBURG (Dauphin Co.)— Broiler placements in the state during the week ending Nov. 10 totaled 1,929,000, down 6 percent from the previous week and 9 percent less than the corresponding week of 1989, according to the Pennsylvania Agricultural Statistics Service (PASS).

Average placements during the past nine weeks, at 19,121,000, were 10 percent less than a year ago, PASS reported.

Settings for broiler chicks last week were 3,298,000, up 5 percent from the previous week and 2 percent more than the same week a year ago. The three-week total of egg set, 9,333,000, was slightly below the comparable period last year.

In the 15 selected states, placements for the week totaled 93,456,000, down 8 percent from the week before and slightly below the same week of 1989. Placements during the past nine weeks, at 914,114,000, were 3 percent above one year ago.

Settings in the 15 states for the week totaled 135,570,000, up 4 percent from the previous week and 3 percent more than last year. The three-week total of eggs set, 386,057,000, up 2 percent from 1989.

For Pennsylvania, expected marketings for the week ending Jan. 5, based on placements seven to nine weeks earlier less mortality allowance, are 2,033,000, down 8 percent from a year earlier. The 15 states' expected marketings, 124,825,000, are 2 percent higher.

Broilers-fryers slaughtered in Pennsylvania under federal inspection during the week ending Nov. 3 totaled 1,894,000 head with an average liveweight of 4.63 pounds.

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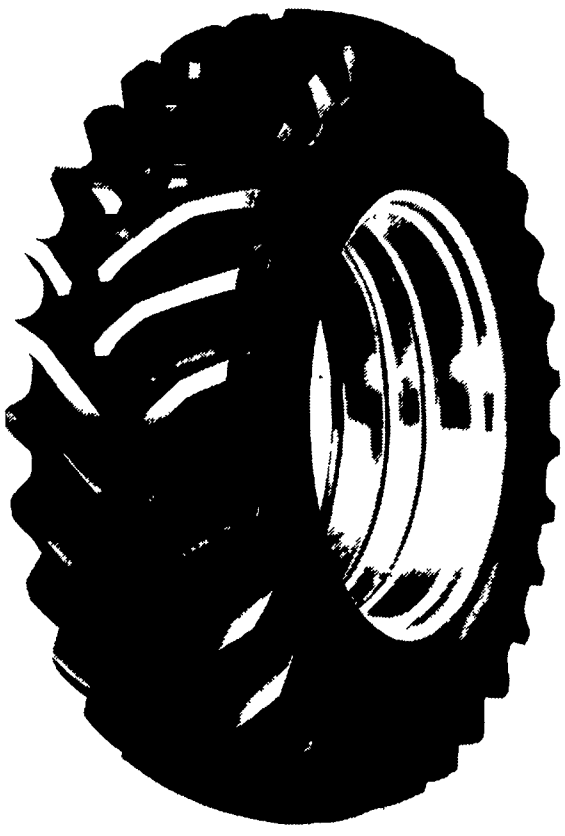

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18.4-38 6 Ply **$384.00**
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4 Rib

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10.00-16 8 Ply TT **$82.00**
11.00-16 8 Ply TT **$99.00**

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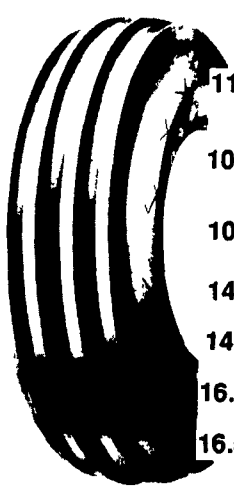

11L-15 6 Ply TL	$99.00
10.00-16 6 Ply TL	$103.00
10.00-16 8 Ply TL	$109.00
14L-16.1 6 Ply TL	$201.00
14L-16.1 10 Ply TL	$218.00
16.5L-16.1 8 Ply TL	$308.00
16.5L-16.1 10 Ply TL	$331.00

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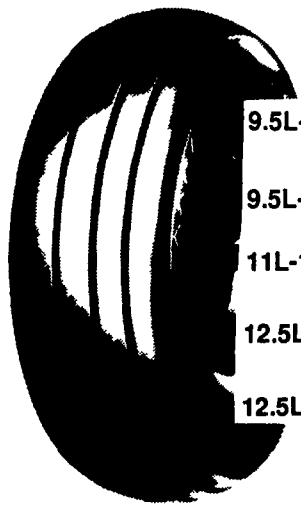

9.5L-14 8 Ply TL	$51.00
9.5L-15 8 Ply TL	$52.00
11L-15 8 Ply TL	$53.00
12.5L-15 8 Ply TL	$69.00
12.5L-15 10 Ply TL	$80.00

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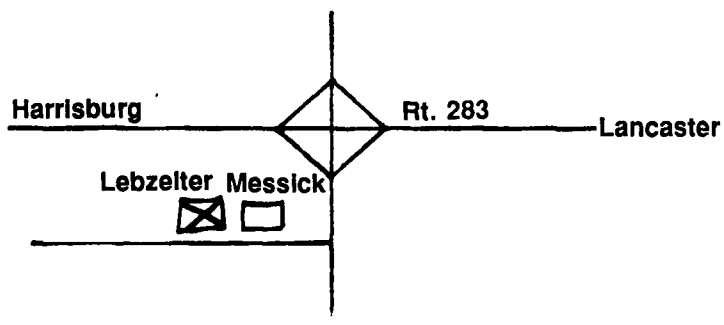

Berks Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

October 1990
Rolling Herd Averages

Name	Breed	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Daview Farm	3	67.4	86.3	23,477	862	757
Hidden View Holsteins	3	67.8	87.2	23,339	834	755
Allen P+Mary J Grube	B3	51.2	86.7	23,322	866	746
Glenn B Gockley	B3	47.7	85.8	22,142	766	729
Fantasyland Holsteins	3	39.9	90.4	22,704	783	721
Earl R Hafer	B3	168.6	86.2	21,695	783	707
Bos-Belle	3	8.0	81.7	21,433	751	703
Melvin M Oberholtzer	B3	49.0	88.2	21,949	706	699
Plushanski Farms Inc.	3	168.4	89.4	20,706	833	696
Reu Hel Farms Inc.	3	93.7	86.3	21,560	722	694
Junge Farms	3	82.9	89.0	21,444	833	693
Forrest C Stricker	B3	59.1	85.7	22,119	797	688
Ken + Ralph Sanner	3	79.8	86.1	20,928	776	687
Carl Z Good	B3	56.2	88.9	21,408	743	681
Mertz Brothers	3	45.8	84.5	21,109	719	679
Clarence B Kulp	3	49.8	91.3	20,528	727	672
D J S P Schuler	3	107.0	88.1	21,327	747	671
Barry Barbara Good	B3	49.5	87.0	20,453	750	666
Allen A Davis	B3	69.6	87.4	20,381	763	666
Mark A Wolfskill	3	108.4	85.3	20,845	765	666
Mervin Brubaker	3	79.3	84.5	20,695	723	661
Martin & Missy Moyer	B3	51.9	87.0	20,718	731	650
Herb Top Farms	B3	47.2	87.9	20,185	709	643
Charles D Moyer	B3	128.0	88.7	20,368	721	642
Larry Grumbine	3	49.6	85.1	20,090	718	641
Phil Don Farm	B3	65.1	87.8	19,486	723	640
Donald Burkholder	B3	105.1	87.4	19,696	712	638
John H Stump	3	73.6	91.1	19,786	742	637
James Phillips	3	47.6	86.9	20,115	581	637
Joe & Deb Kohler	B3	39.9	86.3	19,189	688	633
Retland Farm	3	55.6	87.0	20,636	762	632
Vista Grande Farm	3	86.4	87.0	19,442	690	631
Leon H Martin	B3	40.7	86.4	19,879	757	631
Gary-Martha Heffner	B3	43.0	88.7	19,750	714	628
FM Browns Sons Inc.	B3	104.2	87.2	20,274	713	627
Red Fever Farm	B3	67.9	91.7	19,324	714	624
FGG Holsteins	3	68.9	85.2	18,806	724	624
Yost Brothers	B3	114.5	86.2	19,725	712	620
Leonard G Stoltzfus	B3	85.3	91.9	19,508	700	619
Wooden Bridge Farm	B3	62.1	88.9	19,273	703	618
Bendy Brook Farm	3	46.1	88.3	19,029	740	617
Show Top Farms	3	168.5	90.8	18,769	726	617
Andrew D Stoltzfus	B3	115.8	86.4	18,794	698	616
F Mark Weber	3	54.4	84.9	19,111	708	611
Alvin M Martin	B3	54.2	88.3	19,489	726	610
Ralph E Moyer	3	114.0	86.0	19,045	711	610
Nathan Nolt	B3	51.5	86.1	18,842	685	608
Grumbro Holsteins	3	45.1	84.9	18,470	699	608
Raymond A Seidel	3	37.8	87.9	19,014	722	607
Pinnacle View Dairy	B3	39.4	87.5	18,016	711	603
Scattered Acres Inc.	B3	147.2	83.2	18,538	688	602
William Claxton	B3	41.4	85.4	18,248	690	597
George S Troutman Jr.	B3	90.0	87.2	18,811	709	595
Way Har Farms	B3	111.4	88.6	18,134	684	595
John Oberholtzer Jr.	B3	51.3	86.9	18,956	647	593
Tulpa-Canal Farm	B3	37.9	86.3	18,919	677	592
Lynnacres	3	249.8	90.6	18,649	704	591
William G Howerter	3	85.7	87.4	17,952	682	591
Donald B Duncan	B3	105.0	87.7	18,778	670	591
Larry E Phillips	B3	43.2	86.6	18,891	694	588
Harvey C Krill Jr.	B3	44.9	90.8	17,484	652	587
Wilmer Driebelbis Jr.	B3	97.7	87.1	18,353	646	586
Barry & Carol Moyer	B3	39.6	89.1	18,498	658	585
Jacob M Wise	G3	42.1	85.7	18,401	691	583
James H Adam	B3	111.5	87.8	18,082	645	583
Whirlwind Acres	B3	127.3	88.1	17,643	640	583
Rolling Acres Farm	B3	38.3	87.3	18,510	664	582
Mil Joy Farms	3	231.3	85.4	18,100	653	579
Arlan Krick	B3	69.8	89.5	17,926	679	578
Kevin J Graber	B3	68.6	92.4	17,799	612	577
R JR+N Troutman	3	123.3	85.8	18,156	726	576

(Turn to Page C7)

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Berks Co. DHIA

(Continued from Page C6)

Swatara Dairy Farm	3	58.1	84.2	17,575	714	576
Todd Schroeder	B3	50.8	86.9	18,195	657	573
Ronald Kelchner	B3	82.1	85.1	17,650	675	572
Glenn+Brenda Howard	B3	141.7	85.8	17,487	667	572
David L Schrack	B3	109.9	83.4	18,052	692	571
Mervin Z Martin	B3	55.8	87.5	18,076	618	570
Plentygood Holsteins	B3	79.1	82.5	17,145	676	570
Oleka Acres	3	64.0	86.0	17,369	640	568
Heindel Farms Inc.	3	33.6	86.2	17,652	675	568
Kenneth Zook	B3	54.2	88.9	17,684	623	568
Robert Yanos	B3	56.6	89.3	17,236	660	567
Floyd Kurtz	3	69.2	85.8	17,731	619	562
Harvey M Weaver	G3	48.2	84.1	17,872	656	561
Alton Rohrbach	B3	52.4	89.7	17,614	639	560

Report Shows Maryland Ag Remains Strong

ANNAPOLIS, Md.— Farm income in Maryland for 1989 amounted to $402.6 million after expenses. Income from broilers set a record at $448.90 million, up 13 percent from the previous year. This is according to the just released "Maryland Agricultural Statistics" annual report for 1989. The report is published cooperatively by the Maryland Department of Agriculture and the National Agricultural Statistics Service of the U.S. Department of Agriculture.

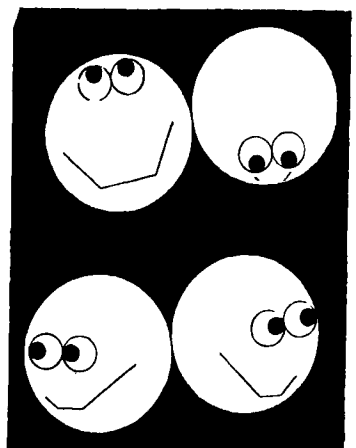
In issuing the report, Maryland Secretary of Agriculture Wayne A. Cawley, Jr. praised Maryland farmers for their contributions to the economy of Maryland.

"These statistics chronicle in factual terms the current state of all facets of Maryland's agricultural industry," Cawley said.

The report includes data on crop production, livestock and poultry members, production, prices, and income of the agriculture industry. Included for the first time are statistics on Maryland's aquaculture business.

According to the report, timely rains helped the 1989 corn crop bounce back after three bad years. At the same time soybean production set a record at 16.50 million bushels. In contrast, tobacco production for the 1989 crop totaled 8,103,000 pounds, the smallest crop on record since statistics were gathered in 1866.

For more information on "Maryland Agricultural Statistics," contact Bruce West, State Statistician, Maryland Department of Agriculture, 50 Harry S. Truman Parkway, Annapolis, MD 21401, (301) 841-5740.



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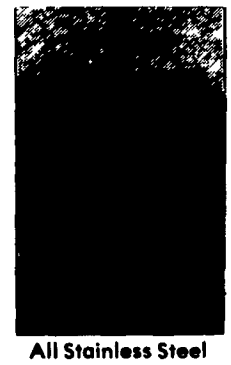

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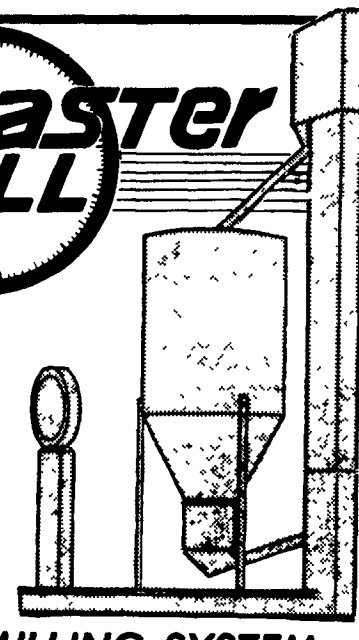

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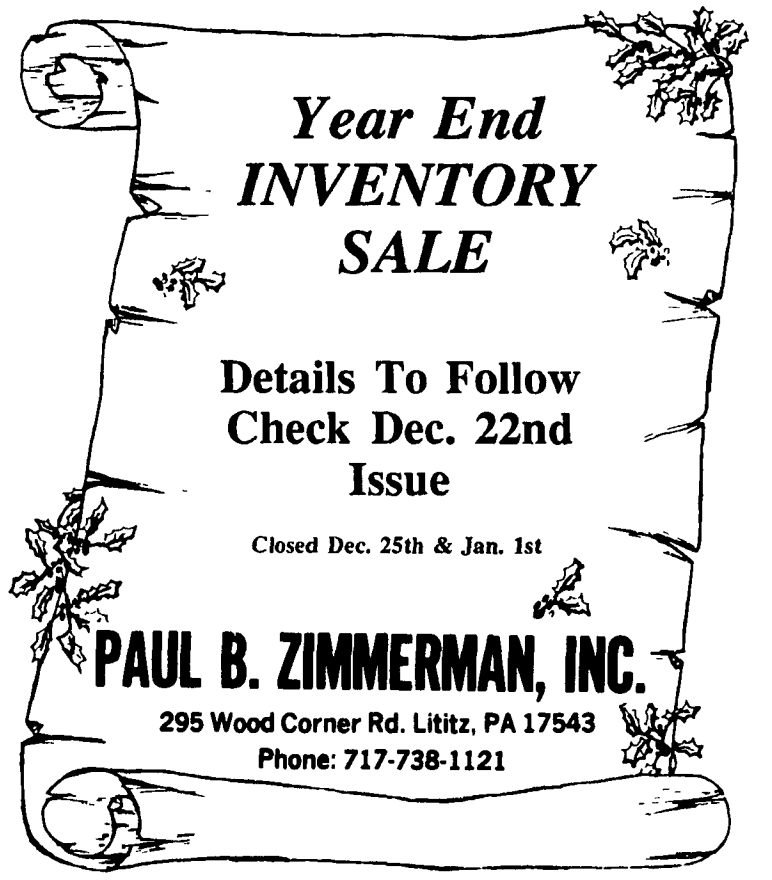

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Conservationists Learn Valuable Lessons

LANCASTER (Lancaster Co.)— Gerald Heistand, assistant administrator to the Chesapeake Bay Program; Nevin Greiner, resource conservationist; Karen McMinn, erosion and sedimentation secretary; and Jim Caldwell and Mark Metzler, erosion and sedimentation technicians with the Lancaster County Conservation District attended the third annual Pennsylvania Association of Conservation Districts employee staff conference held recently at State College.

More than 100 district employees participated in the two-day conference, which featured workshops and seminars focusing on tea, building training methods. Team members included district managers, secretaries, and technical staff.

Paul Strizzi and Steve Figley of the Department of Environmental Resources (DER) Training and Development Division took participants through a series of workshops on interpersonal communications, conflict management, group dynamics, and problem-solving techniques.

"We became more aware of the need to look at the people side of services that DER provides," said Figley. "Conservation districts have excellent staff and we want to provide them with expertise in dealing with farmers, planners, and the general public."

Conservation districts offer a variety of services in the areas of soil, water, and natural resource management. These areas put district personnel in contact with many diversified segments of the agricultural and urban communities.

"The trend is moving into using more customer service skills," said Strizzi. "It's an area that we (DER) are focusing more on."

"Conservation districts serve the community in a unique way," stated Greiner of the Lancaster County Conservation District. "On the one hand, districts are service-oriented agencies offering technical assistance and cost-share funding for conservation work; while on the other hand they have the responsibility for enforcing compliance with the state erosion control regulations. This effort demands that district personnel be skilled problem solvers and educators, in addition to possessing the necessary technical skills. Future state-sponsored training sessions will become more important as conservation districts continue to grow and take on more responsibility."

In other events, staff members from eight conservation districts across the state presented from their districts in an idea exchange forum. Topics ranged from computer user groups to advancement within a district. Jeffrey TenEnyck, executive vice president, New York Association of Conservation District Employees, also gave a presentation on professional development in New York state. Other presenters included luncheon remarks by Dr. James Grace, DER deputy secretary of resources management; Margaret DelMonico, Pennsylvania State Employees Credit Union; Patricia Calley, department of general services; and Edward Bechtel, Pennsylvania municipal retirement system.

For more information on conservation district programs in your area, contact: Lancaster County Conservation District, Room #6, Farm and Home Center, 1383 Arcadia Road, Lancaster, PA 17601, (717) 299-5361.

Agri-King Names Area Manager

LANCASTER (Lancaster Co.) — Agri-King recently named Chuck Matthews area manager of Dauphin and northwestern Lancaster counties.

Matthews has several years of experience servicing swine and dairy operations. He previously worked as a sales representative for R.J. Matthews Company.

Agri-King tests feedstuffs and formulates rations for livestock producers in 27 states. The 22-year-old company is based at Fulton, IL.

Chuck Matthews

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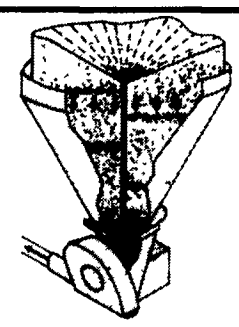
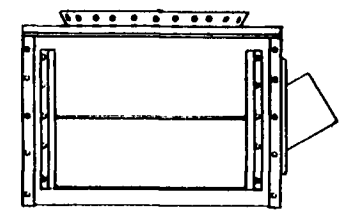


HEAVY DUTY POWER-FLO AGITATOR



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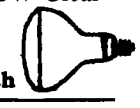

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$13.99

NIPPLE WATERER SALE

	Reg.	SALE	Size
Trojan	$3.99	$3.49	½"
Stingy	$5.29	$4.69	½"
Stingy	$6.99	$5.99	¾"
Edstrom	$5.99	$4.99	½"
Edstrom	$5.99	$4.99	¾"

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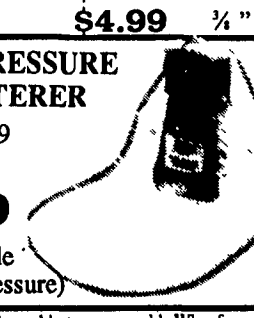
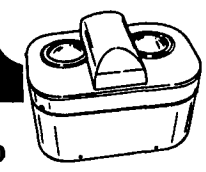
$13.99
(Also Available For Gravity Pressure)

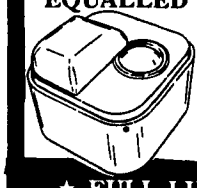


MiraFount
ENERGY FREE WATERERS



THE ORIGINAL ENERGY FREE WATERER... COPIED BUT NEVER EQUALLED

2 HOLE MIRAFOUNT
20 Gal. Capacity $355.00
Capacity: 150 head beef, 60 head dairy, 2-8" openings. No. 3360



1 HOLE MIRAFOUNT
15 Gal. Capacity $300
Capacity: 50 head beef, 25 head dairy, 30 horses, 1-8" opening. No. 33360

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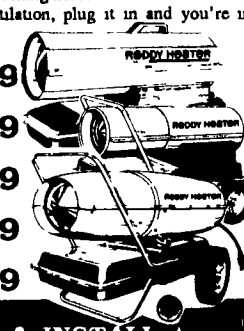
35,000 BTU No. R35A $149.99
50,000 BTU No. R50A $169.99
70,000 BTU No. R70A $229.99
100,000 BTU No. R100A ... $249.99
150,000 BTU No. R150A ... $329.99



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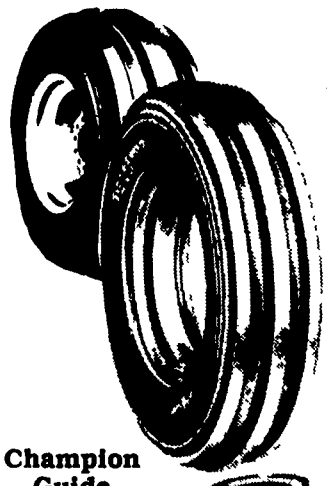
5 00-15, 4 Ply	$40.00
7 5L15, 6 Ply	$55.00
5 50-16, 6 Ply	$44.00
7 50-18, 6 Ply	$76.00
4 00-19, 4 Ply	$44.00

4 RIB

9 5L15, 8 Ply	$79.00
11L15, 8 Ply	$87.00
6 00-16, 6 Ply	$48.00
6 50-16, 6 Ply	$55.00
7 50-16, 8 Ply	$66.00
10 00-16, 8 Ply	$94.00
11 00-16, 6 Ply	$90.00
11 00-16, 8 Ply	$110.00
14L16.1, 6 Ply	$170.00



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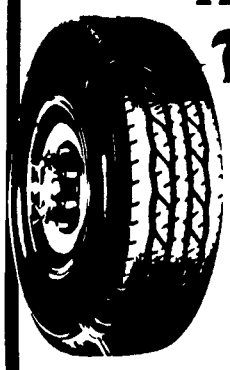
Firestone RADIAL ALL TRACTION 23°

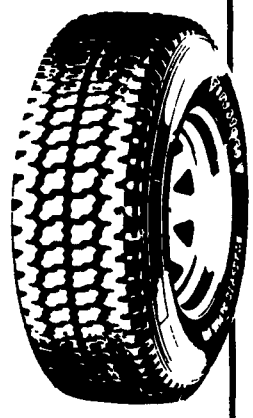
24 5R32★	$970.00
30.5LR32★	$1130.00
18 4R34★	$515.00
20 8R34★	$825.00
23.1R34★	$980.00
16.9R38★	$510.00
18.4R38★	$505.00
18.4R38★ ★	$653.00
20.8R38★	$760.00
20.8R38★ ★	$930.00
18.4R42★ ★	$680.00
18.4R42★ ★ ★	$780.00
20 8R42★	$815.00

TRUCK TIRES



Firestone STEELTEX RADIAL R4S™

LT215/85R16, 8 Ply	$90.00
LT215/85R16, 10 Ply	$94.00
LT235/85R16, 10 Ply	$99.00



STEELTEX ASR A/S

LT 215/85R16, 8 Ply	$97.00
LT 235/85R16, 8 Ply	$100.00
LT 235/85R16, 10 Ply	$106.00
LT 245/75R16, 10 Ply	$106.00
8 75R16.5, 8 Ply	$94.00
9 50R165, 8 Ply	$103.00

FORESTRY SPECIAL WIDE TREAD PLY TIRE

18 4-26, 10 Ply	$610.00
23.1-26, 10 Ply	$1100.00
23.1-26, 14 Ply	$1380.00
28L26, 10 Ply	$1350.00
28L26, 14 Ply	$1650.00
16.9-30, 10 Ply	$670.00
24.5-32, 12 Ply	$1540.00
24.5-32, 16 Ply	$1840.00
30.5L32, 12 Ply	$1810.00
30.5L32, 16 Ply	$2170.00
35 5L32, 16 Ply	$2680.00
18 4-34, 10 Ply	$825.00

Firestone TRACTION FIELD & ROAD

9.5-16, 4 Ply	$105.00
18 4-16.1, 6 Ply	$320.00
8 3-24, 4 Ply	$99.00
9.5-24, 4 Ply	$109.00
9 5-24, 6 Ply	$125.00
11 2-24, 4 Ply	$132.00
11 2-24, 6 Ply	$152.00
12 4-24, 4 Ply	$153.00
12 4-24, 8 Ply	$210.00
13 6-24, 8 Ply	$235.00
14 9-24, 4 Ply	$202.00
13 6-26, 6 Ply	$259.00
7 50x22, 4 Ply	$149.00
12 4-28, 4 Ply	$173.00
13 6-28, 4 Ply	$190.00
13 6-28, 10 Ply	$341.00
14 9-28, 4 Ply	$221.00
14 9-28, 6 Ply	$232.00
16 9-28, 6 Ply	$277.00
18 4-28, 6 Ply	$365.00
16 9-30, 6 Ply	$301.00
18 4-30, 6 Ply	$350.00
23 1-30, 8 Ply	$743.00
16 9-34, 6 Ply	$331.00
18 4-34, 6 Ply	$375.00
9 5-36, 4 Ply	$200.00
13 6-38, 4 Ply	$225.00
13.6-38, 6 Ply	$255.00
14.9-38, 6 Ply	$277.00
15 5-38, 6 Ply	$284.00
15 5-38, 8 Ply	$338 00
16 9-38, 6 Ply	$361.00
18 4-38, 6 Ply	$418.00
18 4-38, 8 Ply	$450.00
20 8-38, 8 Ply	$606.00
9.5-42, 6 Ply	$248.00
12 4-42, 6 Ply	$314.00
11.2-28, 4 Ply	$153.00
9.5-32, 4 Ply	$198.00
11.2-36, 4 Ply	$172.00
12 4-36, 4 Ply	$221.00
12.4-36, 10 Ply	$341.00
13.6-36, 4 Ply	$249.00
11 2-38, 4 Ply	$176.00
12.4-38, 4 Ply	$210.00
12.4-38, 6 Ply	$260.00

Firestone SKID LOADER 27-850x15 4 PLY

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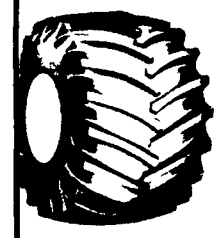

125Lx15 8 Ply	$115.00
12 5L20 4 Ply,	$165.00
1350x161 6 Ply	$170.00
165Lx161 6 Ply	$242.00
500x15	$45.00
760x15 6 Ply	$75.00

PASSENGER TIRES

Firestone SUPREME ALL-SEASON RADIALS!

P155/80R13 WW	$39.95
P165/80R13 WW	$47.95
P175/80R13 WW	$49.95
P185/80R13 WW	$51.95
P185/75R14 WW	$54.95
P195/75R14 WW	$57.45
P205/75R14 WW	$59.95
P205/75R15 WW	$60.95
P215/75R15 WW	$64.95
P225/75R15 WW	$67.95
P235/75R15 WW	$70.95

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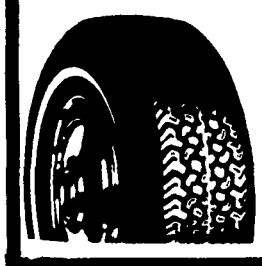

80R13/80R13	$29.95
P165/80R13	$34.95
P175/80R13	$37.95
P185/80R13	$40.50
P185/75R14	$40.95
P195/75R14	$41.95
P205/75R14	$44.95
P205/75R15	$46.95
P215/75R15	$47.95
P225/75R15	$49.95
P235/75R15	$50.95

Firestone RADIAL ALL TRACTION FWD™

16 9R24★ ★	$502.00
14 9R26★ ★ ★	$464.00
16 9R26★ ★	$535.00
18 4R26★ ★	$622.00
13 6R28★ ★ ★	$385.00
14 9R28★ ★ ★	$470.00
16 9R28★ ★	$533.00
14 9R30★ ★ ★	$566.00

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Potter Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

Potter County DHIA
October, 1990

Name	Brd.	No. Of Cows	Days Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Ivan Kibbe Jr	RH	98.9	91.1	21,461	853	714
Kevin Risser	R&GH	124.3	87.9	21,993	779	712
Dale Hoffman & Sons	R&GH	105.0	87.2	21,108	746	709
Ivan Smoker Sons	RH	107.2	88.7	20,886	852	707
Guy Dunn	RH	54.6	89.7	20,644	764	698
Donald Thompson	RH	48.7	87.0	21,036	762	688
Carl Erway Farm	GH	103.1	84.3	20,698	806	675
Jack Thomas Sr	MX	78.6	88.1	20,715	766	652
Ron&Candy Cooney	RH	64.7	88.2	19,911	765	630
Rodney Lane	GH	43.8	85.2	18,647	658	625
Alvin Miller	R&GH	103.2	89.8	19,177	698	620
John C Traub	GH	42.8	88.6	19,371	721	616
Craig Torrey	R&GH	42.5	90.0	18,974	641	604
Dan & Leon Tice	R&GH	51.8	89.2	19,106	700	600
Titus Risser	R&GH	111.7	86.4	17,992	667	597
So-No-Co Farm	R&GH	53.9	86.3	18,444	678	591
Karl Torrey	R&GH	103.5	86.9	17,880	653	585
J J Farms	RH	33.9	86.8	17,685	600	584
R-Own Farms	RH	85.7	83.3	17,997	630	583
Jack Knowlton	RH	57.3	90.3	18,193	656	581
Robert Francis	RH	36.3	83.2	28,478	723	569
R-Own Farms						
Brooks	H	6-3	305	23,356	763	902
Guy Dunn						
Melby	H	5-2	305	23,168	756	885
Sunny	H	5-4	305	27,403	899	959
Kiki	H	4-8	305	27,834	899	1119
Sup-Sal	H	3-7	305	25,045	880	920
Ivan Kibbe Jr						
Rae	H	10-2	305	31,465	931	1061
Maggie	H	8-9	305	26,256	869	997
Skeeter	H	6-3	305	21,139	797	969
Lynell	H	6-1	305	23,256	766	916
Tipsy	H	5-10	305	22,174	749	913
Dimples	H	5-0	305	23,573	742	893
Sandy	H	4-6	305	24,737	780	923
Clown	H	3-8	305	20,878	702	898
Ron and Candy Cooney						
Bright	H	6-7	305	25,728	803	1057
Danish	H	6-0	305	25,110	863	928
Gonzo	H	5-6	305	28,741	832	1005
Ivan Smoker & Sons						
Samanta	H	7-9	305	28,627	889	1208
Pansy	H	5-1	305	23,831	736	877
Freckle	H	4-5	305	21,443	736	922
Nice	H	4-3	305	24,059	872	1117
Peaches	H	3-4	300	23,748	806	1014
Carl Erway Farm						
#23	H	4-5	305	29,227	940	1063
48	H	3-4	301	22,204	791	964
Donald Thompson						
Marie	H	9-2	300	25,944	858	955
Dale Hoffman and Sons						
Pixie	H	5-0	305	24,838	816	912
Jen	H	3-2	305	22,373	738	947
Kevin Risser						
Midnight	H	4-5	285	21,711	748	901
Louise	H	4-0	296	21,950	703	968
Jack Thomas						
India	H	4-5	305	25,464	748	899
Alvin Miller						
#113	H	4-2	305	22,009	735	950

Dauphin Co. DHIA

dhia Monthly Report

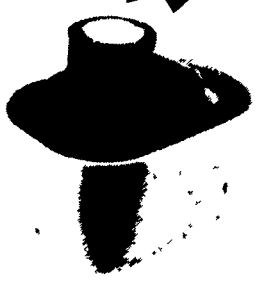
Pennsylvania Dairy Herd Improvement Association

DAUPHIN CO. DHIA
October 1990
Rolling Herd Averages

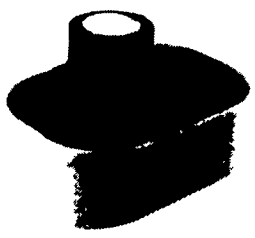
Owner Breed	No. Cows	Lbs. Milk	Lbs. Fat	Lbs. Protein	
Toby T Farm	B3	48.3	21,705	766	701
Restful Acres	3	118.4	21,367	804	682
Catalpa Farms	3	132.3	21,417	749	67
Alwine Farms	B3	79.4	20,430	766	66
My-Favorite Hols	3	56.7	21,031	686	66
Crissinger Dairy Farm	B3	87.8	19,746	751	63
Dale F. Faust	B3	49.2	20,163	670	63
Pleasant Hill Farms	B3	74.2	19,952	705	63
Stoney Lawn Farms	B3	84.7	19,900	670	62
John Hertzler	3	69.4	18,585	699	61
Irvin G. Martin	G3	31.4	19,709	730	60
J. Melvin Brandt	B3	79.3	18,555	714	58
Elwillo Farms	B3	174.6	18,532	686	58
Hill Side Farm	B3	44.8	18,826	644	58
Samuel K. Lapp, Jr.	B3	41.0	18,553	660	58
Lytle Farms, Inc.	3	92.9	18,341	668	57
Mahlon L. Lehman	3	56.1	17,513	646	57
John Hertzler Rachel	3	05/05	23,082	743	95
Crissinger Dairy Farm Fannie	3	05/00	22,348	762	87
Pleasant Hill Farms Zoie	3	05/01	28,599	833	98
Theodor	3	05/03	26,961	822	92
J. Melvin Brandt #Pixie	3	07/04	21,347	659	92
Wistle	3	05/09	24,272	757	90
372	3	04/10	24,488	773	89
Alwine Farms Charm	3	06/11	24,265	796	99
Sue 64	3	03/07	20,289	673	88
Catalpa Farms 323	3	08/00	23,972	677	87
477	3	05/10	28,811	861	105
504	3	05/02	22,681	723	85
561	3	04/02	25,246	769	87
628	3	03/01	25,130	751	86
Restful Acres Brice	3	07/06	26,123	838	99
Bottle	3	05/09	25,398	738	86
Tracy	3	06/02	28,451	883	98
Joyce	3	05/04	25,755	772	100
Nina	3	04/09	24,355	824	103
Samara	3	04/08	24,973	823	89
Holly	3	04/11	28,014	825	99
Malt	3	04/02	26,183	862	102
Karol	3	04/00	22,935	726	86
Kitrina	3	03/10	26,860	772	96
Marina	3	03/03	24,506	748	90
Ginnet	3	03/03	29,157	894	105
Samuel K. Lapp, Jr. 22	3	00/00	28,253	824	95
Toby T. Farm Jean	3	03/01	24,889	732	88
Grandview Farm 50	3	05/03	25,980	801	88
Elwillo Farms 246	3	03/02	22,440	703	86

MILK AMERICA'S HEALTH KICK

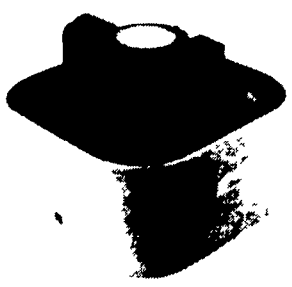
Ritchie® WATER PRO ENERGY FREE!



MODEL C2
CATTLE 2 DRINK



MODEL S2
MULTI-PURPOSE
2 DRINK



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Brochure Lists Christmas Tree Growers

HARRISBURG (Dauphin Co.) — A guide to 58 locations in the state where consumers can select and cut their own Christmas trees is available from the Pennsylvania Department of Agriculture.

The free brochure is one of a series prepared by the Bureau of Market Development to help consumers buy directly from agricultural producers.

"A trip to the country to choose a Christmas tree is again becoming a family tradition," State Agriculture Secretary Boyd E. Wolff said. "It's an experience that children and adults alike can treasure for years to come."

Many of the farms listed are near heavily populated metropolitan areas of southeastern Pennsylvania, a short, pleasant drive in the country for city residents and townspeople. The other producers are scattered throughout the state.

In addition to telephone numbers, hours of operation and specific directions to reach each location, the guide identifies those growers who also offer fresh-cut trees, nursery stock and dug-and-balled live trees for replanting.

Visitors to some tree farms will find other attractions, such as wagon, buggy or sleigh rides; picnic facilities; pumpkin-carving and apple-bobbing; and farm tours. The guide lists specific activities available at each location.

The brochure is available by mail from Room 310, Pennsylvania Department of Agriculture, 2301 N. Cameron St., Harrisburg 17110-9408. Two weeks should be allowed for processing and mailing.

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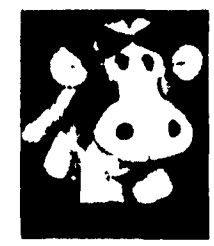

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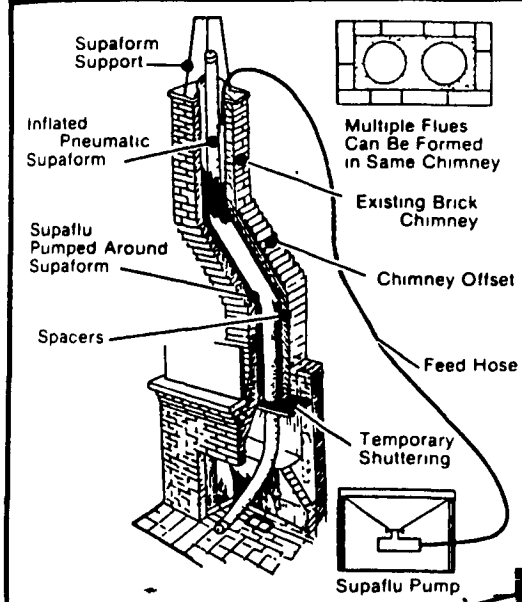

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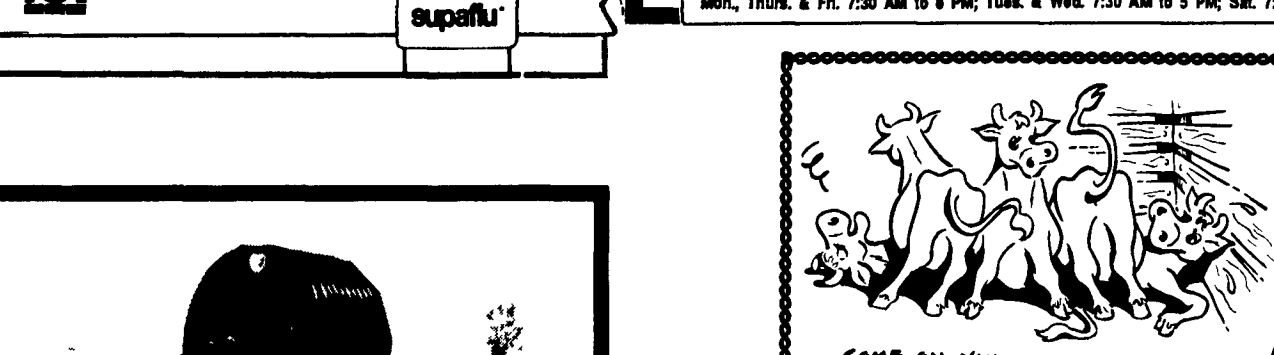

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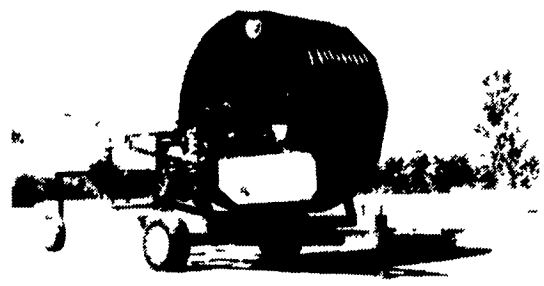

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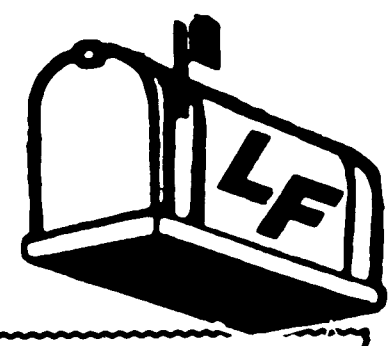

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AC Gleaner L combine, good condition Lancaster County (717)548-2877

AC Model B tractor w/ brush hauling trailer, wide front end, weights, NEW battery and box, 4 tires, magneto, muffler Rebuilt carb, lights work, complete with orginal tools, crank, spare parts, $1690 Buyer can have old tow behind 3-4' rotory mower , 215-699-4043 between 10 AM and 4 PM let ring leave name and number, work call at 10 00 AM or 3 00 PM 699-5814 ask for Fran

A Late Deutz 130-06, 125HP, dual PTO, $7,500 OBO 1974 100-06, 105HP, dual PTO, $6,000 OBO 717/426-2659

Allis Chalmer WD, 35 HP, belt pully new paint, $1,100 301/898-7426,

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BACKHOE CASE 580K, OROPS, E-hoe, 800 hrs , $19,000 301-833-9091

BACKHOES CAT 416 (2), cab, E-hoe, low hrs , 4x2, $17,500 & 4x4, $21,500 301-833-9091

Better-Bilt 1500 gal manure spreader w/injectors and new tires, $4,200 1986 Case 1845C dsl skid loader, 600 hours 717/626-4300

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IH 4150 skid loader, 58 hp diesel, new bucket very good condition, $7,000 301-775-7519

IH 444 end loader, diesel 38 HP, 3 PT live PTO, very nice $4500 301-898-7426

IH 46 baler, NH rake, Kuhn 4 reel tedder, 2-14 plow, 6' Bush Hog, JD 2010 tractor, 2, 14' alum gates, Lincoln 250 welder 201-782-9866

IH 560 diesel, WF, 3 pt hitch, rebuilt engine, $3,000 301-833-2311

IH 584, cab & air, 1,300 hrs , mint condition, $9,500. 301-833-9091

IH 886, CAH, red power, nice, $9,500 301-833-9091

IH-986 Cab, air, 18 4x38 rubber, 3000/hrs , 1976, $14,000 215/459-2916 Del Co

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IH 1466 cab/air, '76 model, sharp	$8,500
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Pages 1 Through 13

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Farmall 460 2PT hitch, good rubber $1850, 6' int blade $250; 2 bottom int. plow $225; NH 717 2RW corn head $350, NH 717 grass head $200, 1973 Chevy 1-ton truck, long wheelbase 12' flat bed, new tires $1500 717-527-2387

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- **JD 950, 2WD, Ag Tires, 630 Hrs.**
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- **JD 40, Wide Front, 3PT Hitch, PTO, S# 64679**
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- **AC 600 4 Row, Plate Planter, Dry Fertilizer, Fair Shape**
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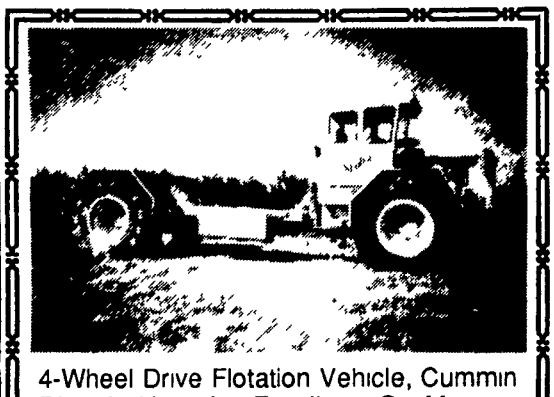

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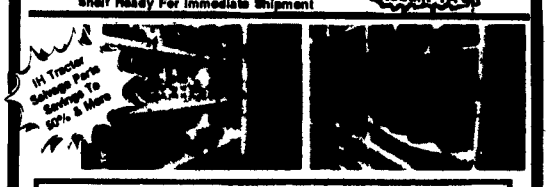

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- JD 755, hydro, MFWD, loader, 120 hrs., like new
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September 1, 1991

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- JD 444 corn head
- JD 443 corn head, Low profile, exec

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- JD 3960 forage harvester w pickup, 2 RW corn head, good condition
- NH 310 baler w 70 thrower, excellent
- NH 488 haybine
- JD 1207 mower conditioner, good
- (4) JD, NH, NI mower conditioners
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- JD 9400 maximizer
- JD 9500 maximizer

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- 1980 JD 450C w/B.H. Rops 4&1 Bucket..... **$21,000**
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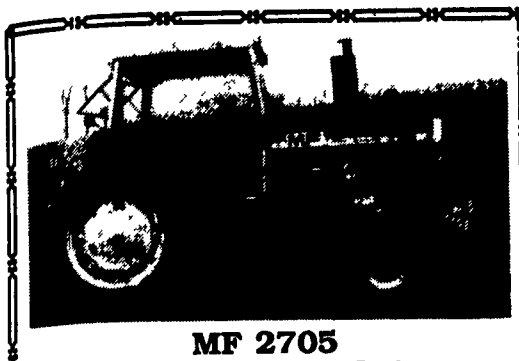

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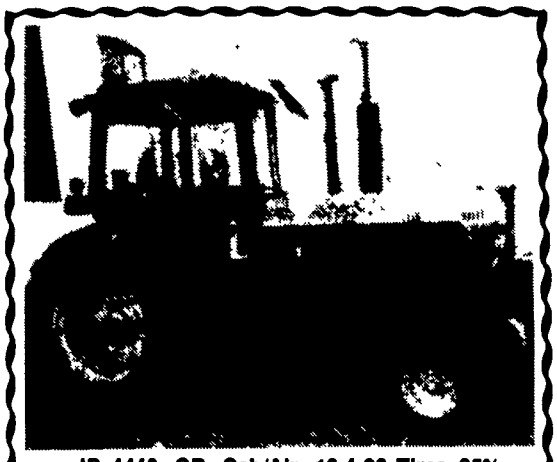

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$19,700

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MF 390, 4x4	$ 9,500
MF 285	$ 7,500
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(4) MF flex heads	$2,000 to $ 3,000
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NH 315 baler	$ 4,200
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- 1980 JD 6620 side hill combine w/215 flex platform and 643 cornhead
- JD 8200 18 disc grain drill w/grass seed box
- JD 650 MFWD w/60" belly mower and loader
- AC 720 Forage Harvester, 2 R cornhead & 6' PU
- 12 Ft. Bushhog Tandem Disk, wheel lift
- 2R Braco Potato Harvester w/PTO Drive
- JD 4 RW Row Crop Cultivator
- IH 56 RR wide planter with dry fertilizer
- JD 1207 mower conditioner
- JD 210 Disc 12' wide, new blades
- JD 7000 4R planter w/liq. fert. and unit mounted coulters
- New Brillion 12' Flail Shredder
- 2 Row Champion Potato Harvester w/ motor
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JD 855 4WD w/70 ldr., 800 hrs., turf tires, $10,800
JD 1530 dsl. tractor, 145 front loader, good cond., $7,500
JD 260 disc mower rebuilt
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AC D17	IH 966	Case 2590
AC 220	IH 3488H	* ST Panther II
AC 190XT	* JD 2150 MFD	ST 220
AC WD	JD 8630	ST 310
White 2-135	JD 8650	* (2) ST 251
* IH 48	JD 4440	ST PT225
* IH 684	JD 7020	Farmall F20
* IH 574 w/Loader	MF 20, Gas	

DISCS

JD 230, 21'	IH 37, 10'	KR 1577 18'
Ford 230 16'	IH 370, 12'	KR 1425, 20'
BH 24'	IH 496, 22'	* SF 20'
IH 496, 28'	(2) KR 1966, 31'	SF 29'
IH 490, 22'	* KR 2416, 26'	SF 24'
		* TW 15'

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* IH 710 Plow, 7x16	MK 37' Field Cultivator
* IH 720, 5x18 Auto. Reset	MK 6R Cultivator
* Case IH 720, 6x16 Auto. Reset	JD 2350-2450 8x18 Plow
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AC 7x16 On Land Plow	BR 19' S Packer
WR 32' Field Cultivator	BR 12' Packer
Athens 15' Chisel Plow	WR 10x18 Plow
White 20' Field Cultivator	

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Haybuster Tandem No-Till Drill 24'	NH 717 Forage Harvester
Krause 5215 No Till Drill 15'	NH 791 Manure Spreader
FD F-600 Dump Truck	Case IH 900 Planter 6RN
JD 737 15' Mower	IH 510 Drill 18x7
JD 7000 Planter, 8 Row	IH 50 Shredder
JD 66 Blower	

HAY EQUIPMENT

IH 46 Baler	NH 90 Bale Stacker
IH 440 Baler	NH 488 Mower Conditioner
IH 47 Baler w/Thrower	NH 499 Mower Conditioner

COMBINES

* (2) Case IH 1680	IH 915	MF 760
IH 1460	(2) JD 8820 4WD	MF 510
IH 715	JD 7720 4WD	(2) MF 750

Large Selection Of Cornheads And Platforms Available
* Just Traded

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HOOBER EQUIPMENT INC
MIDDLETOWN, DE
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case IH

COMBINES

Waiver of Interest Till Sept. 1, 1991

- **1986 JD 7720 w/4WD w/JD 218 flex cutter bar & JD 643 corn head**
- **1983 JD 6620, 1,260 Hrs.**
- **1979 JD 7720 w/Mud Hog drive, 216 flex cutter bar**
- **1982 JD 8820 w/4WD, 1,965 hrs. w/222 flex cutter bar, JD 843 corn head**
- **1982 JD 8820, 4WD w/224 flex cutter bar**
- **1981 JD 8820 w/4WD, dual tires w/JD 220 flex cutterbar, 843 corn head**
- **1981 JD 7720 w/218 Flex Cutter Bar**
- **JD 444 Corn Head, Hi-Tin**
- **JD 643 corn head**

TRACTORS

1990 JD 2555, 97 hrs.
JD 2940 Fender Tractor
IH 2656 hydro w/new 2250 loader
1972 JD 4320
1989 Case IH 685 w/cab, front whl. drive, 700 hrs.
1983 JD 4450, cab, w/MFWD, power shift
1985 JD 4450, cab w/MFWD, quad range, 1,085 hrs., w/dual 18.4x38 tires

MISCELLANEOUS

1989 JD 6000 Hi-Cycle, 60 Ft. Boom
$24,950

JD 158 loader, 72" bucket
JD 1550 power till seeder
JD 1408 rotary cutter, like new
IH #60 flail mower, 14'
JD RG 4 row cultivator, (4 row wide)
JD 7000 6-30 planter, dry fert., insecticide monitor
JD 12 row soybean special planter
JD 27 Flail Shredder
JD 265 loader
AC 11 row planter
Dunham 14' Crowfoot Packer
Brillion 18' Gang Crowfoot Packer

W.N. COOPER & SON, INC.
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JOHN DEERE

Ford 2000 Tractor, 3 cyl, PTO, 3 PH, Remote Valve, $2,000 215/584-0494

For Sale: New Idea Rake, Case Grass Mower, Cunningham Crimper, best offer 717/656-9480

Ford 7500 loader/backhoe, dsl, cab, 2600 hours, $6,750, AC 220, 135HP, 250 hours on engine, $5,950 717/397-3944

For Sale 6806 Deutz tractor, hydrostatic power steering, 70 hp, steel wheels, open fenders, like new, 14" wide 60" high, Lancaster Co 717-354-0182.

For Sale John Deere A and B with round spokes front and rear, BWH two M's, one with plow and cultivator, AR two 620's, on with wide front, 830. Bill Carmine 302/875-5255

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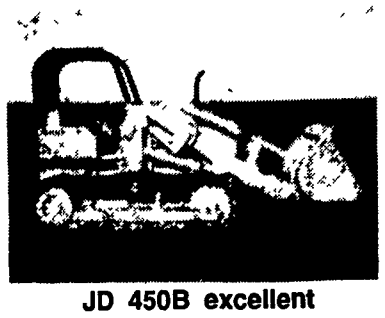
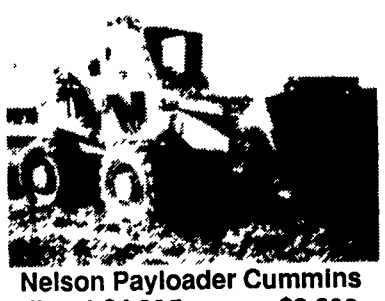
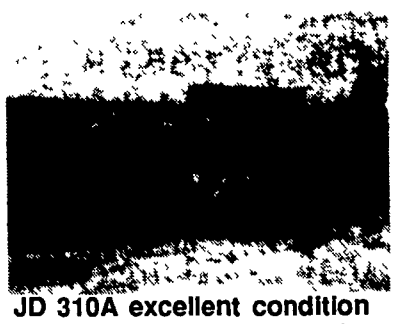
Case 480C $7,000 $6,800



JD 450B excellent $12,000 $11,000



Nelson Payloader Cummins diesel $4,000 $3,800



JD 310A excellent condition $12,000 $11,000

JD 450C, 6 way engine overhauled, good cond., $12,000 $11,000
JD 9300 Backhoe attachment $2800

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AC 185 w/Ldr
Ford 3000 D
AC 7000 w/ROPS
Ford 4000
Case 1194 w/Cab
Farmall H Tractor
Case 411 B

TRACTOR LOADER BACKHOE
NH 454 Skid Loader
AC 540B Art Loader
NH 445 Skid Loader
Case 480C, TLB
Ford 555A, TLB
JD 500

SPREADERS
III 575
S676 Fox
NII 308
NI Spreader
JD Spreader

RAKES
NH 260
Pequea 710 Tedder

MOWER CONDITIONERS
(2) NH 1495 Haybine w/Head
(2) NH 495 12' Haybine
890 A Auger Base
890 WPU
MF 925 Mower Conditioner

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Ford LGT 165 w/50" Mower
JD 912 F w/Mower
Simplicity 4041 Tractor w/Mower
AC Big 10 w/40" Mower
Ford LTD 11 H.P.
Bolen Lawn Tractor
Cub Cadet 1650 w/50" Deck
Howard Pro 72 w/Mower
Satoh Beaver Mower/Blade
Kubota G 4200 w/Mower

MOWERS
Triumph Hydro Clipper
Beaver P10 Boom Mower

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(2) Dion Forage Wagon w/ Gear
Int. 830 w/Corn Head & WPU
822 Head
NH 900 Harvester w/4RN & WPU
Gehl 1200 Harvester w/3RN & WPU
NH #8 Wagons
Badger 716 Forage Box

MISCELLANEOUS
Cat 933 Crawler Loader
Bearcat Flail Chopper

PLANTERS
AC 333 No-Til, 4 Row
AC 385 No-Til, 6 Row, Air

BALERS
NH 310 w/Motor
Thrower 75
NH 276 w/Thrower
(2) NH 269
NH 90 Bale Handler
NH 311 w/Motor
NH S68
NH S67
NH 320 w/Thrower
NH 271 Baler
JD 336 w/Engine
NH 283 Baler
NH 310
NH 270
NH 851, Auto Wrap Baler
MF 124 w/Thrower
NH 276 w/Motor

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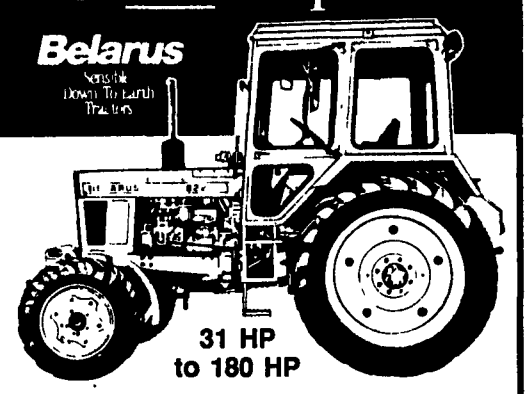

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Case 580B Extend-A-Hoe, open ROPS, gear drive $7,000
AC 715B open rops, standard hoe..... $7,250
2 - Case 580C, Cab, Standard Hoe..... $13,500/Ea.
Case 580B Standard hoe, open ROPS $8,500

CRAWLERS
JD 450B Crawler Loader, Runs & Operates Very Good..... $10,500
JD 450 Crawler Loader, 4N1 Bucket, Very Good Paint, Very Good Undercarriage $8,950

LOADERS
Case 586B Forklift, 21' mast, diesel ... $8,800
IH 350 w/Lloader, Fast Hitch $2,800
1988 Bobcat, 743, w/909 backhoe attachment, runs and operates excellent, very good condition $14,500
Case 580 Forklift, diesel engine, 21' mast, good condition $5,000
909 Bobcat backhoe attachment, excellent condition $5,000
Ford 5600 Farm Tractor 3 pt. Hitch..... $7,900 Exc. Cond.
Bobcat 443 skid loader diesel engine $5,000
2 - 1988 Bobcat 743 1000 hrs., new tires ..... $9,000/Ea.

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Lincoln Portable Welder Wisconsin gas engine $495
3 - Bobcat breakers, 1 Allied hammer for 580 Case ..... Price on Request
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New Rotary Mowers 3 pt. hitch, (2) 4' & (2) 5' ..... $595 to $695
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75 Plus Backhoe & Loader Buckets
For Case, JD, IH, Ford
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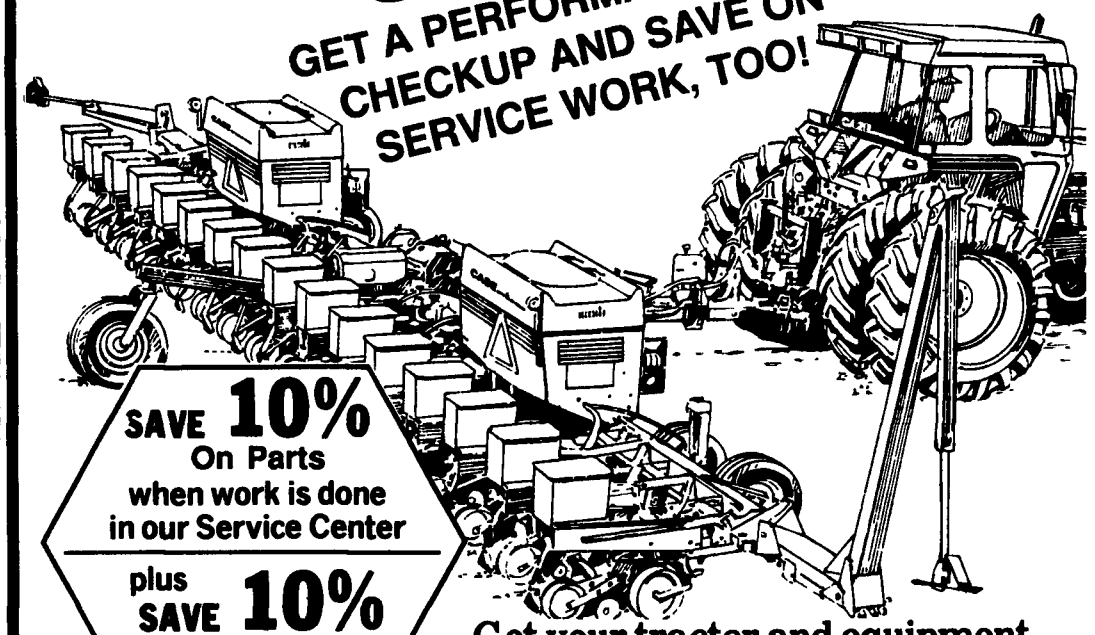

SAVE 10% On Parts when work is done in our Service Center

plus SAVE 10% on labor

Get your tractor and equipment in top shape for the busy season and save at off-season prices.

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- IH 1586 Tractor w/H1100 Barkbuster Tub Grinder
- IH 574 Tractor
- IH 5088 Tractor, Exc Cond.
- IH 1066 Tractor w/Cab
- IH 1086 Tractor w/Cab
- Farmall H Tractor
- IH 584 Tractor w/2250 Loader
- IH 686 Tractor
- IH 460 Tractor
- Same Tractor, 4WD, Cab, 95 H.P.
- Oliver 1255 Vineyard Tractor

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- Case 1835 Diesel w/Bucket
- Case 1537 Skid Loader w/Deutz Diesel
- Case 1816 Loader w/Bucket
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- Case 1830 Skid Loader
- NH L445 Skid Loader, 900 Hrs.
- JD 70 Skid Loader w/Fork & Bucket

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- NH 315 Baler w/Thrower
- NH 278 Baler w/Thrower
- NH 320 Baler w/Thrower, Real Nice
- JD 336 Baler
- Vermeer 605C Round Baler
- Gehl 1460 Round Baler
- IH 27 Baler w/Thrower
- NH 411 Drsebine, Nice
- IH 720 Forage Harvester w/2 Row Cornhead, Pick-Up
- IH 1895 S P. Harvester, Metal Detector, 4WD, 4 Row Cornhead, Pick Up
- NH 1495 SP Haybine, 12 Ft. Head
- NH 495 Haybine, 12 Ft.
- NH 489 Haybine
- NH 488 Haybine
- JD 480 Mower-Conditioner
- Hesston PT10 Mower-Conditioner

PLANTING & TILLAGE

- MF 18 Ft. Rock-Flex Disc Harrow, Hyd. Wing
- White 252 12 Ft. Disc Harrow
- Athens 7 Shank Chisel Plow
- AC 333 Planter, 6 Row, Exc. Cond.
- IH 56 6 Row Planter
- IH 3 Bottom 440 Plow
- IH 37 10 Ft. Disc
- NH TD50 Disc Harrow, Like New

SPREADERS

- NH 791 Spreader
- NH 676 Spreader
- NI 355 Tandem Axle Spreader, 550 Bushel, Top Beater, Hyd. Endgate, Exc. Cond.
- NH 795 Spreader
- H&S Spreader, Hyd. Drive

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- IH 1150 Grinder Mixer
- McKee Snowblower, 3 Pt. Hitch
- 20.8x38 Dual Wheels
- Gehl BF130 Feeder Wagon
- NH 30 Blower, 1000 RPM
- Farmhand Grinder/Mixer
- Myers 7½' Snowplow

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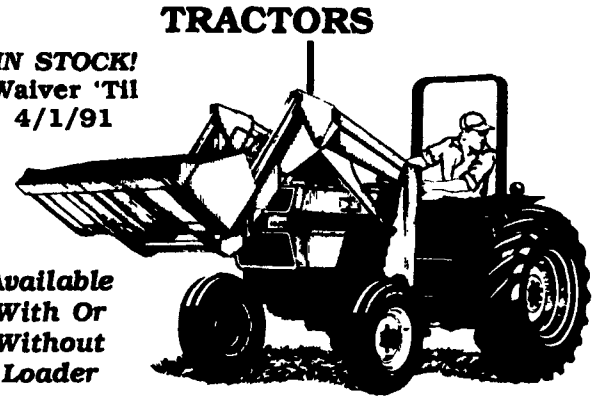
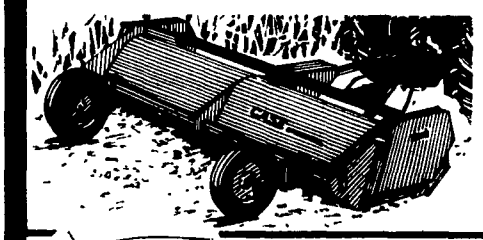
IN STOCK!
Waiver 'Til 4/1/91



Available With Or Without Loader

CASE IH 60 SHREDDER, 6 ROW



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CASE IH 186 4 & 6 ROW HIGH SPEED CULTIVATORS

Buy Out Of Season And SAVE $!

CASE IH MAGNUM TRACTORS

3 DEMOS SOLD — ONE LEFT!

711 ~~SOLD~~ 0 H.P. 7130 ~~SOLD~~ 5 H.P.
712 ~~SOLD~~ 0 H.P. 7140 195 H.P.

5 Year 5000 Hour Warranty

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FORD NEW HOLLAND

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0% Financing/12 Months

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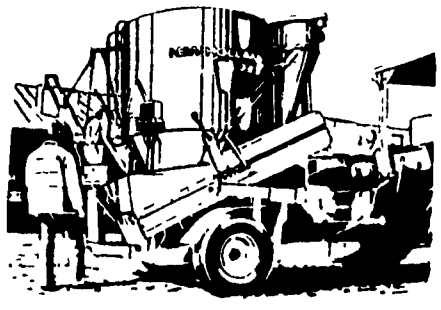
NH 358 GRINDER MIXERS



• Hyd. Drive • Elec. Scales
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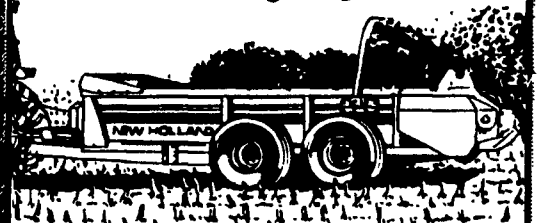
NH 791 SPREADER

w/Hyd. Gate, Splash Guard, Top Beater
Built For Heavy-Duty Hauling



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NEW HOLLAND 630, 848, 853, 855 BALERS

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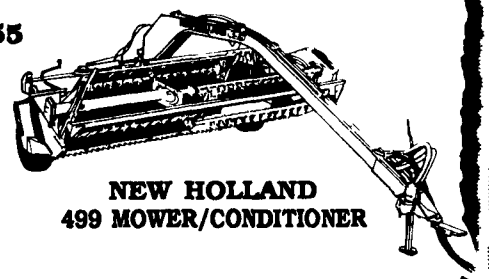
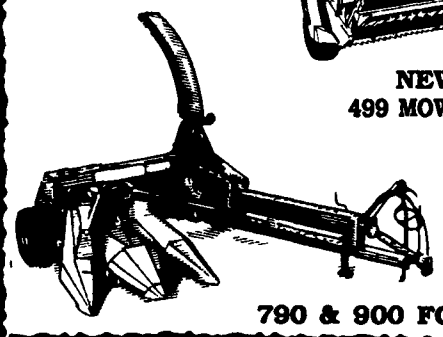


NEW HOLLAND 499 MOWER/CONDITIONER



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NH 1499 MOWER-COND.

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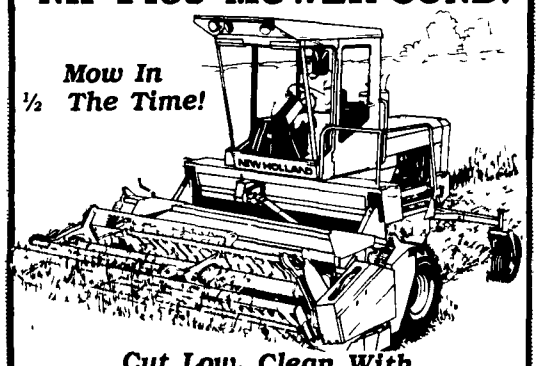
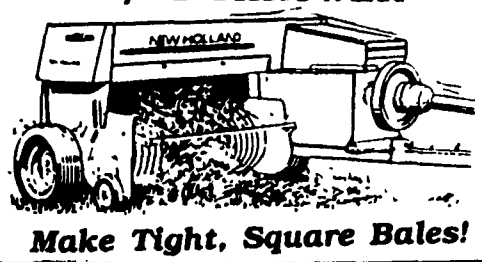


Cut Low, Clean With On-The-Go Hyd. Angle Cutter Bar!

End Of Season Special!

NH 565, 570, 575 BALER W/72 THROWER



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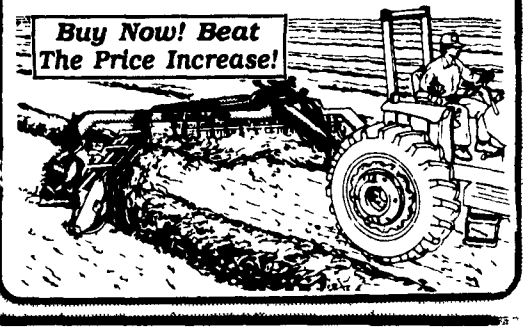
- 10 Ft. Transport Width



END OF SEASON SALE
TRACTORS

	Was	Now
JD 4020 Powershift	$7900	$6,900
IH 656D Hydro, all new rubber	$7,200	$6,400
Case 1690 Powershift, 1981 Model Like New	$11,400	$10,300
IH 656 G NFE, Nice	$4,900	$3,900
Oliver 1650 Recent Overhaul	$4,700	$3,400
Ford 3000 Gas, Nice Cond.	$3,950	$3,450
IH 70 Hydro, Extra Nice	$7,900	$7,200
IH 706 Recent Overhaul	$5,850	$4,700
IH 06 WFE, 3 Pt.	$5,950	$4,900

Large Selection Plows, Chisel Plows, Planters, All Reduced For Quick Sale

TRUCKS

1981 Ford 700 24' Flatbed New Engine	$5,900	$4,900
1980 Chevy 50 14' Flatbed	$5,000	$3,900
1978 IH 1600 C&C New Engine	$3,900	$3,200
1980 CI 9000 Truck Tractor 350 BC Cummins		$8,700

COMBINES

Gleaner K	$5,150	$3,900
White 8600 2 Heads	$5,900	$3,900
MF 410 D Low Head	$4,950	$3,300
Gleaner K	$6,950	$5,250
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986D w/cab
884D
784D
656 Gas
606D
656D
574D Row Crop
300 Gas w/loader
340 Gas NFE
Farmall MD
Farmall M
Farmall Super H
Farmall Cub w/belly mower
AC B w/Woods belly mower
Ferguson 30
JD 47 loader
IH 33 Power Lift loader
IH 430 Baler w/thrower
IH 350 10' Disk
IH 540 Spreader
NH 27 Blower
McCurdy 8 ton bin wagon
NH 273 Baler
NI 323 picker
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56 Hustler Silage Blower
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Deutz Allis Rake
Feeder Wagon
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NH Spreader
Demco 500 Gal. Sprayer
Post Driver, 3 pt.
Demco 3 pt. 300 gal. sprayer
NH 679 Spreader

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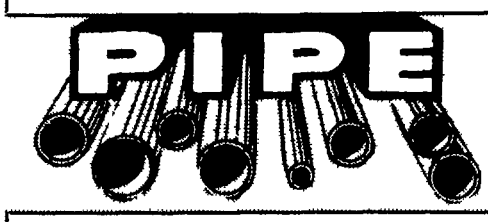

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71-72 Terex Rubber Tired Loader 7 Yd. Bucket, Rock Tires, Cleaned and Painted, Fresh Engine
4 Months Warranty Left
For An Older Machine
Very Good Cond.
Was ~~$36,000~~ Reduced to $33,000
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NEW VICON EQUIPMENT
(2) LS 400M Sprayers, 28' Booms
(2) LS 630M Sprayers
(1) LS 1910T Sprayer
(1) LS 3010 Sprayer w/45 Ft. Hyd. Fold Boom
(10) Seeder/Spreaders
(1) 9-Wheel Rakes
(1) CM 240 Disc Mower

MISCELLANEOUS
(1) Pull Type Spin Spreader, 3600 Lbs.
Pequea 9x18 Bale Throw Racks
Land Pride 120" Rotary Cutter
Befco 70" Flail Mower
Befco 50" Tiller
Special - Befco 72" Finishing Mowers
Post Driver, 3 Point

NEW MASSEY-FERGUSON
(1) MF 231 Tractor
(1) MF 240 Tractor
(1) MF 253 Tractor w/Loader
(2) MF 1020 Hydro w/Loaders
(1) MF 1030 Tractor
(2) MF 1035 Tractors
(1) MF 1045, 4WD w/Loader
(1) MF 822 Round Baler
(1) MF 828 Round Baler
(1) 10 Ft. Rotary Cutter
(1) 15 Ft. Rotary Cutter
(2) MF 3 Pt. Disc Harrows

Vermeer

(2) No-Till 107 Grain Drill - Rental
(1) 147 Grain Drill - New

USED BALERS

(1) 605 E
(2) 605 F
(1) 503I Silage
(1) JD 410 Round Baler

(2) Pull-Type Silo Wrappers
(1) Wrap-Around Wrapper

USED EQUIPMENT
(1) International 2300 Pt. Mower
(1) Int. 510 Pic. Wheel 15" Drill
(1) 500 Gal. Century Sprayer w/Markers
Pull Behind
(2) MF 30 Loaders
(1) Kelley Gill 3 Pt. Fertilizer Spreader
(1) KM 2 Manure Spreader

MISC. USED EQUIPMENT & TRACTORS

USED TRACTORS
JD 2010
IH-F 300
IH 284, With 5' Mower
IH 244 w/5' Mower
IH 235 w/5' Mower
Yanmar 187 w/5' Mower
Cub w/5' Mower
Cub 154 Low Boy w/5' Mower
Mitshibsi 2500

USED EQUIPMENT
IH 475 disc, 12'
JD 35 Chopper w/2 Row Head
NH 469 Mower Conditioner
NI 245 Spreader
Woods C80 Mower
Woods RM 59 Mower
Woods RM 306 Mower
Lilliston 7 6 Mower
IH 800 Planter
IH 46 Baler
Case IH 8520 Round Baler
Kuhn GRS 24 Rake
IH 401 Spring Tooth Harrow
Century 3 Pt. 50 Gal. Sprayer

BIGGS INCORPORATED
190 Biggs Hwy.
Rising Sun, MD
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Case IH

EDWIN HORNING & SONS FARM MACHINERY
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TRACTORS
JD 2950 Diesel (1984) MFWD, SGB, Air, Heat, Very Nice (SOLD) $21,800
JD 1520 Gas, Hi-Low, 15.5x38 Tires, Rack & Pinon w/143 Loader $6,200
JD 1520 Diesel, Indept. PTO, engine majored, new paint $5,000
MF 20 Industrial w/Loader, diesel, PS, 3 Pt., PTO, cab & heat, 2143 hours $5,200
JD 4320 Cab, Air, 18.4x38 tires, new engine overhauled $10,500
JD 2640 dsl. hi-lo ind. PTO, 18.4-30 tires (SOLD) $8,500
Ford 1700 diesel 4x4 ..... $3,950
JD 4020 diesel wide front end, 16.9x38 tires, weights $6,750
JD 2640 Hi-Lo Indp. PTO, 18.4x30 Tires w/JD 175 Loader $10,500

TILLAGE EQUIPT.
International 710 4x18 Spring Reset Plow Semi $2,200
IH 710 5x16 (SOLD) reset plow $2,200
MF 4 Bottom semi-mount plow $850
AC field cultivator 10'8" pull type, nice $1,100
Glenco 10' Field cultivator pull type, nice $800
Brillion 12' field cultivator, late model $950
IH 800 4x36 Air planter, dry fertilizer monitor $3,000
AC 16' field cultivator, pull type with wings $1,250

HAY EQUIPT.
Ford NH 316 Baler w/70 Belt Hyd. Thrower, Almost New $8,900
NH 499 hydro swing 12' haybine, hydraulic tilt $6,500
NH 849 round baler auto wrap new chain $6,600
NH 1495 SP 12' haybine, hdyro, cab, air, gas eng., nice $10,500
NH 489 haybine $3,500
NH 855 r. baler auto wrap $5,900

MISCELLANEOUS
MF #90 Loader, Hyd. Dump, Fits MF 50 ..... $650
NH 307 tandem axle, side delivery, manure spreader $5,200
NH 791 manure spreader w/tailgate $850
Year around cab, JD mount $450
NH #7 Wagon 14' auger/unloader $850
JD 660 tandem axle manure spreader .. $1,500
JD 48 Loader, Axle Mount $1,650
NI 213 manure spreader, 3 beater $1,450

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NH #8 Wagon, Tandem Gear w/Roof Just Like New $5,800
Arts-way Dion wagon 3 beater w/roof .. $2,900
Gehl 1200 Harvester $2,800

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NH 353 w/Scales, No Loading Auger (SOLD) $2,350
NH 358 hyd. drive w/extension auger ... $4,600
JD 750 w/Scales $2,800

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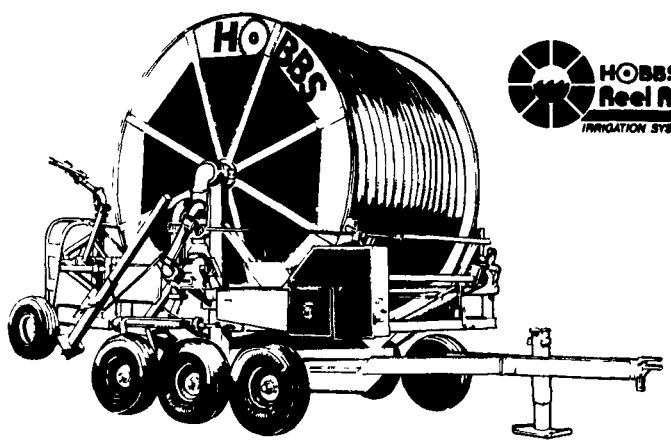

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Adequate water at critical times during crop development is one of the most important factors in increased yields. Even in a normal high rainfall year, your yields may suffer if rain doesn't come at the right time. You are the BOSS when you give your crops the water they need when they need it. Invest in your future now. You will save BIG BUCKS for the whole family if you invest now.

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JD 4020 ..... $ 7,900
JD 855 w/MFWD ..... Coming In

COMBINES

Waiver On Used Combines Until 9/1/91

JD 6620 Side Hill $33,000
JD 4400 ..... $ 7,000
JD 2240 w/Ldr. ..... Coming In
IH 1480 Rotary $33,000
MF 760 w/Heads ..... $ 9,900
JD 215 Flex Head ..... $ 4,900
JD 653A Row Crop Head ..... $ 7,900
JD 444 Corn Head ..... $ 4,400
JD 443 Corn Head ..... $ 4,500
JD 244 Head ..... $ 2,800
White 8900 Storm Damage
White 8600 w/2 Heads $10,900
White 846N 6R Corn Head ..... Coming In
White 844W 4R Corn Head ..... Coming In
Ford TW30 Mechanical Front $25,000

PLANTERS - DRILLS

JD 7200 12 Row Flex-Fold $29,000
JD 8250 Drill 18x7 ..... $ 5,500
Krause 5200 No-Til Drill $10,900
Tye 10' No-Til Drill ..... Coming In

TILLAGE

JD 2500 6/18 Spring Reset Plow ..... $ 3,500
JD 1710 Mulch Tiller ..... $ 2,800
JD 1600 14' 3 Pt. Chisel Plow ..... $ 2,800
JD 1610 10' Chisel Plow ..... $ 2,000
JD 1010 18' Field Cultivator ..... Coming In
JD 48 Loader ..... $ 1,400
JD 148 Loader $2,200

HAY & HARVESTING

JD 530 Round Baler $12,500
NH 275 Baler w/54A Ejector ..... $ 2,900
JD 35 Harvester, 2R 30" Head ..... $ 2,900
IH 720 Harvester w/2 Heads ..... $ 2,500
NI 324 Corn Picker w/329 Sheller ..... $ 3,700
JD 1209 Mo/Co ..... $ 1,800
JD Running Gear and Hay Rack ..... $ 900
Grimm Super 8' Tedder ..... $ 1,295
JD 200 Hay Stacker ..... $ 1,700
JD 40 Manure Spreader ..... $ 1,800
NII 851 Round Baler ..... $ 3,900
JD 214 Forage Wagon ..... $ 1,500

NEW EQUIPMENT

New Combines In Stock:
4435, 9400, 9500, 9600
New Heads:

913 Flex Head	920 Flex Head
915 Flex Head	443 Corn Head
918 Flex Head	643 Corn Head

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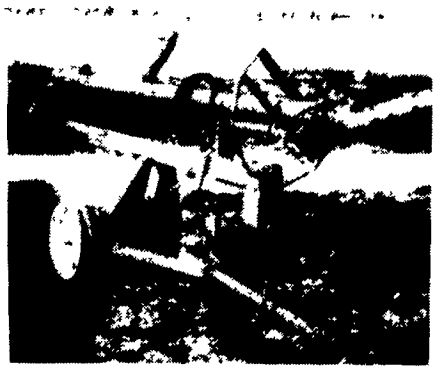

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NH 1495 Haybine Hydro Cab A/C
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Brillion 14' Pulverizer
Brillion 21' X Fold Pulverizer
JD 14' Roller Harrow
WF 5100 6 Row Planter
NH 775 Skid Loader
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Case 1740 Skid Loader
IH 484 w/Loader
Vermeer 32" Tree Spade w/Loader
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Mustang Model 342 Diesel, New Tires, New Paint, Recent Engine Overhaul $7,500
Looking For A Skid Loader - Give Me A Call. Many Models Available.

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RUBBER SCRAPER

* TIME AND ENERGY SAVINGS UP TO 60% TIME SAVING
* SAVES ON CONCRETE WEAR
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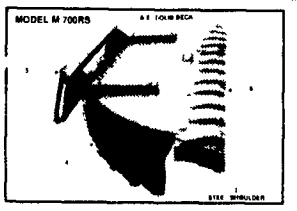

1 Easy to get in and out of skid loader
2. Manure does not splash up on skid loader
3. Stronger than rubber tires steel shoulder to keep it standing up
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5 Adaptable to most U S built skid loaders
6 Rubber cross bar for pulling manure out of corners

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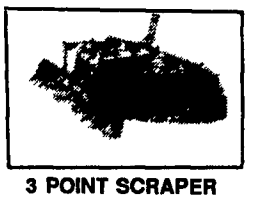

3 POINT SCRAPER

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(2) 435's
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(3) 520's
(3) 420's
(3) 320's
(4) 80's
(2) 70's
(4) 60's
(1) 50
(3) 40's
(9) A's
(8) B's
(6) D's
(3) G's & GM's
(5) H's
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(3) R's
4020 P.S. High Crop
440 Crawler

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(2) Case 400 Hi Crop
Case 830 Hi Crop
Ferg. TO30- Rare Variation
Ford 2000-100 Hours
(2) Ford 8N- 1 Has 400 Hours
Farmall 560- 1500 Hours
IH Spirit Lawn & Garden w/Tools
MH Pony
Oliver 1550 Hi Crop
Oliver 1650 Hi Crop
Oliver Super 77 Hi Crop
(2) Oliver 60
Oliver Super 66
(2) Oliver Super 77
Oliver HG Crawler
Oliver OC46 Loader

1959 JD 435 Diesel, WF, 3 Pt. Add On P.S., Remote, Runs & Operates, 5 Speed Transmission, Overall Fair.

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JD 6620 SH $45,000
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JD 653 ..... $3,800
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TRACTORS

JD 2640 w/Loader
JD 4030
JD 2240 w/loader
JD 755
IH 656 w/loader
IH 300
Kubota L3750 w/loader

COMBINES

(2) JD 215 Flex
(2) JD 216 Flex
JD 216 Rigid
13' Quicktach
JD 213 Rigid
(2) JD 444
JD 443

BALERS

JD 346 w/ejt.
(3) JD 336 w/ejt.
(2) JD 224 w/ejt.
JD 24T w/ejt.
JD 24T
JD 14T w/ejt.
NH 846 round baler
NH 273
NH 268

HARVESTERS

IH 650 w/2R & 5' pickup
JD 1R head
JD 3RN head

MISC.

8x18 bale throw wagon
Schuler 125 bunk feeder
Dual axle utility cart w/grain box
Calumet 2250 lq. spreader
Befco 6' flail, 3 pt.
FMC Orchard Sprayer

PLANTERS

JD 7000 6R w/dry fert.
JD 7000 6R w/lq. fert.
AC 500 4 row notill

TILLAGE

JD 925 10' Roller Harrow
JD BWA Disk, 14'
JD KBA Disk
JD 220 disk, 20'
Brady 12' Chisel Plow
JD 1600 4 btm.
JD F125 4 btm.
Massey Harris 1 Btm. Plow
IH chisel plow, 7 tooth
(2) IH 8' Disks

MOWERS

SMC 15' wing fold
5' NH 3 pt.

HAYBINES

(2) JD 1219
(2) JD 1209
(2) JD 1327 Discbine
Vicon Discbine 281
NH 479
NH 489

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(2) IH 51
(2) AC 14'

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JD Compacts — Most Models

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Ford 600 Gas w/Loader, $3,200
Ford 821 Ind. w/Mower, $2,995
Farmall Cub, With Front Blade, $1,995
Massey Harris 30, $995
Massey Harris 44-6, $1,795
Oliver 77, $1,995

ALL USED TRACTORS IN GOOD TO EXCELLENT CONDITION

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JD 216 16 Ft. Rigid Platform
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Meyers ST-90 Univ. Loader Mount Snowplow
JD AMT 626 Utility Transporter
JD 450 Hydra Push Manure Spreader — $5,665
JD 350 Manure Spreader w/ Endgate — $3,950

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Pequea 6x10 Utility Trailer, Single Axle

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NH 273 Baler w/Thrower	$2,250	$1,995
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NI 323 Corn Picker	$3,100	$2,900
Brillion 10' Packer Seeder	$2,200	$1,950
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USED TRACTORS 50 to 100 HP

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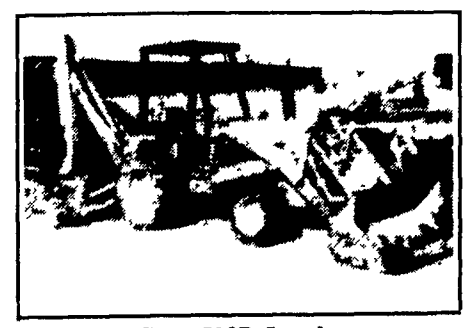
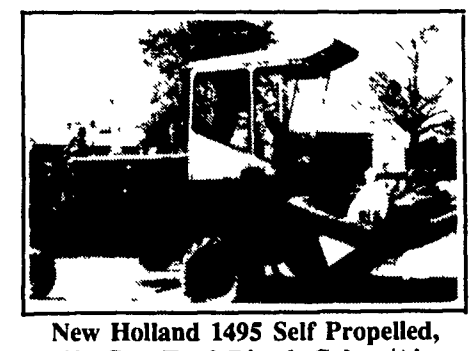


Case 580B Loader Backhoe
~~$9,500~~ Reduced $8,900



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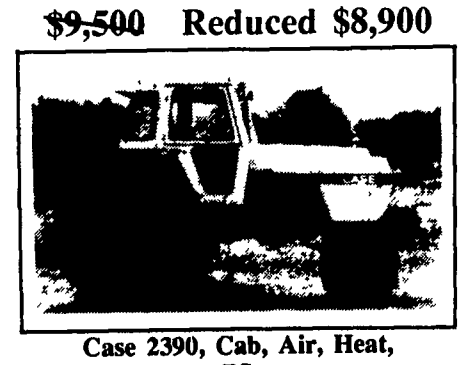

Case 2390, Cab, Air, Heat, PS
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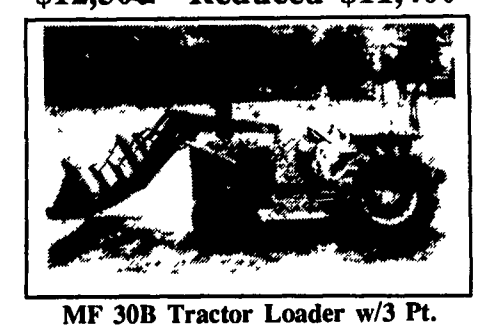

MF 30B Tractor Loader w/3 Pt. Diesel, Shuttle Trans.
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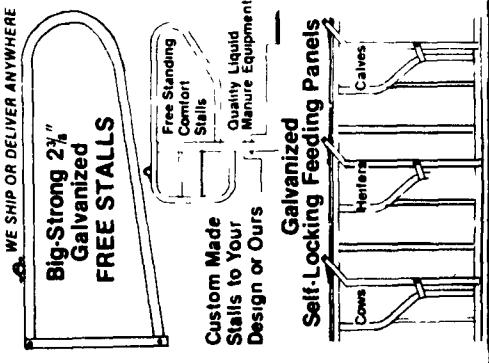

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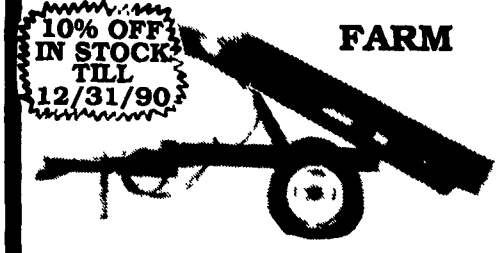
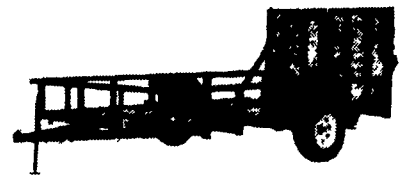
FARM

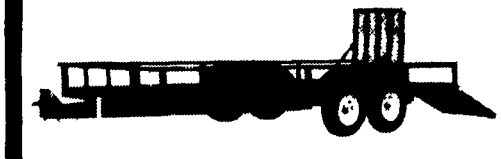


6'x8' 4 Ton 6½ 'x10' 5 Ton

Also Available In 4x8 1500 lb. GVW 8" Tire



UTILITY (Tilt Model) - AVAILABLE SIZES. LENGTH: 8 to 12 feet, WIDTH: 60 to 76 inches, GVW 3,500 lbs.



UTILITY - AVAILABLE SIZES: LENGTH: 12 to 20 feet
WIDTH. 76 to 81 inches, GVW: 7,000-12,000 lbs.

Car Haulers Available.

FLAT BED 2-5/16" coupler, and self storing 80" long ramps. AVAILABLE SIZES: LENGTH 14 to 18 feet, WIDTH: 76 to 81 inches, GVW: 8,000 lbs.,

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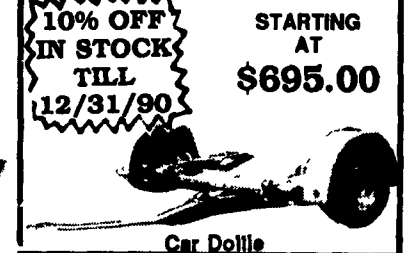

Car Dolly

International Farm Equipment
- 1 & 2 Bottom Plows
- Discs 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 4½ '-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Chipper-Mulcher
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 3'-11'
- 4'-7½ ' Finish Mowers
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- Sickle Mowers
- Rototillers
- Log Splitters
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50 Different Models Available
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5x8 - 3500#
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6x10 - 6000#
6x10 - 10,000#

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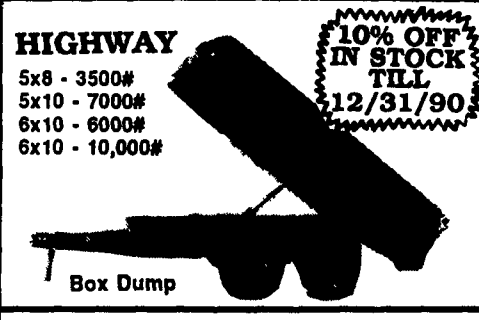
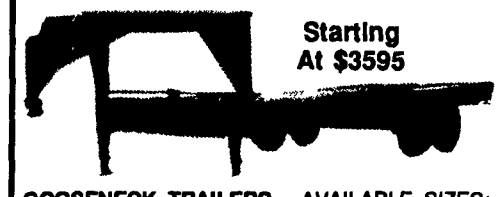


Box Dump

CONSTRUCTION (LOW DECK) - AVAILABLE SIZES: LENGTH 14'-20'; WIDTH 76"-81". GVW. 8,000-12,000 lbs

Starting At $3595



GOOSENECK TRAILERS - AVAILABLE SIZES: LENGTH: 20 to 28 feet, GVW: 12,000-20,000 lbs., WIDTH: 8'.

CONSTRUCTION (DECK-OVER) - AVAILABLE SIZES: LENGTH: 18 to 24 feet, WIDTH. 8 feet, GVW: 12,000-20,000 lbs., Eight (8) lug brake axles.

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822 Belarus, 85 H.P. Diesel, 4WD, Cab and Loader
SPECIAL CASH PRICE
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Limited Time!
Authorized BELARUS Dealer
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Windber, Pa.
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Best Buys in Used Equipment

Case IH 7110 Magnum, 2WD w/720 hrs.

USED TRACTORS
Farmall C w/cultivator
Farmall Cub
Farmall 966

Vicon disc mower conditioner, nice condition

USED EQUIPMENT
IH 963 corn head
Case 1845B skid loader
IH 1190 9' mower conditioner
Brillion cultipacker 19' w/hyd. flat fold w/dual whl. transport
Brillion 14' cultimulcher, like new
JD 12' cultimulcher
Ford model 142, 4 btm. plow w/auto reset
Ford model 140, 3 btm. roll-over plow
NI 323 1 row corn picker

Eckroth Bros. Farm Equipment

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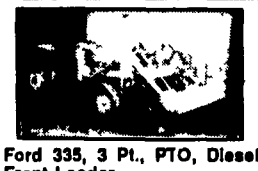
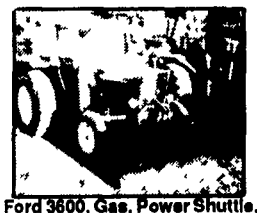
Huber F-1700, 6V-53 Detroit, Power Shift, Cleaned & Painted
$11,500/OBO



Ford 335, 3 Pt., PTO, Diesel Front Loader
$10,500

1987 Case 580E Extend-A-Hoe, Wobble Sticks, Very Good Cond.
~~$22,500~~ **$20,500**

(2) Clark 45C, 4-53 GM Diesel, full cab & heater, 17.5x25 tires, 2 yd., exc. cond.
$19,900



Ford 3600, Gas, Power Shuttle, w/Snow Plow **$3,250**

9 Ft. Bin Type Hyd. Spreaders
$1,250
Also Tailgate Spreaders
$500
9', 10', 11' Plows **$1,000**
Complete

Trojan 1900, GM Diesel, Full Cab & Heater, Exc. Rubber, Exc. Cond.
$12,500

Cat D4D, Tilt Blade, 1600 Actual Hrs.
$24,000 OBO

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RUBBER TIRE LOADERS
Case W-18, full cab & heater, good rubber, good cond.....$18,500

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Model 92, 4 cyl. water cooled, hydrastatic, good cond.....$6,500
240 w/front power broom, 2 cyl. Kohler.....$2,500

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Gallon 10-14T tandem, 6 cyl. IH gas, hydrastatic.....$5,850
Ferguson 9 wheel rubber tire roller Oliver gas.....Call For Price
Mauldin 3-5 ton w/towing package, hydrostatic vibratory, ex. cond.....$3,650
Raygo romper 2-36, vibratory, hydrastatic, Deutz diesel.....$4,995
Western 2 ton vibratory roller, Wisconsin gas.....$2,500
3-5 ton Littleford w/towing package, V4 Wisconsin.....$1,500

BACKHOES
Case 580C, full cab, extend-a-hoe, 4 in 1 bucket, cleaned & painted, excellent cond.....$13,500

GRADERS
Huber F-1700 6V-53 Detroit, full cab & heater, power shift.....$11,500/OBO
Huber M-52 Maintainer, 4 cyl. cont., sideshift center blade.....$3,995

MISC.
Schramm Pneuma Tractor, 125 Comp. w/post driver.....Call For Price
1989 Used custom 10 ton, air brakes.....$5,500
New Custom trailers in stock, 3 ton thru 20 ton.....Call For Prices
(2) MF 40B tractors, 3 pt. PTO, diesel, sickle bar mower.....Call For Price
Atlas Copco XAS 85 air compressor, very good cond.....Call For Price
New & Used Buckets

IH 1456 w/cab.....$8,500
IH 1466.....$6,500
IH 1086, cab & air.....$9,900
IH 1066 Black stripe cab & air, ex. cond.....$10,500
IH 966, 2800 Hrs., new TA, clutch, rubber and paint.....$10,500
IH 544 Dsl., 100 hrs., engine overhauled, new TA, new clutch, rubber and paint.....$6,900
IH 1086, '81 Model, 2500 hrs., cab & air, full set of weights, new 20.8x38 tires, showroom cond.....$18,900
IH 656 hydro, hydro just rebuilt, new rubber.....$5,900
(1) IH Hydro 70, excel. cond.....$9,200
656 Dsl. Just Overhauled w/4 Bot. Plow.....$5,900
IH 5088 Cab & Air, 3000 Hrs., w/Duals.....$24,900
IH Hydro 70, new rubber, excel. cond.....$9,800
IH 1486, cab and air, new TA & clutch, 2700 hours, full set of weights.....$16,900
IH 986, '81 model, cab & air, 1200 orig. hrs., absolutely like new.....$18,900

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NEW COMBINES
MF 8450 combine, new

USED COMBINES
White 8800 combine w/6 row corn, flex head & grain head $13,700
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MF 1805, 240 HP, articulated tractor $14,700
JD 4020 $7,800
Hyster model 60 fork lift $5,800
IHC 460 diesel $2,850
AC 912 mower & tiller $2,995
Ford 8N $1,995
MF 1020 w/mower $5,800

MISCELLANEOUS
GT 580 Grain dryer $3200
JD 24 Baler w/kicker $1,650
MF 126 7½ ' disc mower, new demo
Hesston model 10 hay stacker, $995

Best Buys in Used Equipment

TRACTORS:
IH 986, 4 Post ROPS
IH Farmall "C"
IH 460 Diesel Tricycle - Nice Shape!
Int. F12 w/Cult., $450
Int. 140 Fast Hitch w/Plow, Cultivator & Corn Planter
Int. 154 Low Boy
Cub Lo-Boy w/Mott Mower
Cub w/60" Deck
Farmall Cub w/Gang Mower
David Brown 990 - Fair Cond.
Cub Equipment - Plow, Cult., Disc, Etc.
Ford 9N
Ford 8N
Ford 2110 Gas Low Boy w/Big Turf Tires
John Deere 3010 Gas, Tricycle
Case 1175 w/Cab
Case 1490
IH 414 Gas w/2000 Loader
IH 574 Diesel Utility, Nice Shape
Ford 2110 Gas w/Ford Loader
Ford 3000 Gas w/Ford Loader
Ericson Skid Loader, Huskey Model w/4 Cyl. Wisc. Engine - $2,500 - $2,200!
JD 90 Skid Loader
Case 1816 Uni-Loader, Onan Engine
IH 574 Diesel w/2050 Loader

COMBINES & EQUIP. FOR PARTS:
(2) IH 315's
IH 300, Power Steering, Burnt
IH 403 Gear, 4R W Hd. & 12 Ft. Plat.
IH 227 Cornhead
IH 700 13' Platform
IH 550 Chopper (Parts)
400 6R Cyclos- Parts or Field Use
IH 455 & 658 Planters
IH 430 Baler

PLANTERS:
AC 600 6-Row Narrow Air Planter, No Til, Ex. Cond.
IH FH 4-Row Cultivator

MISCELLANEOUS:
1970 Ford 350 Dump Truck w/Meyers Plow and Salt Spreader, $1,500!
Freeman Loader for IH 424
Martin 3300 Gal. Liquid Tanker w/Injector
John Blue 400 Gal. SS Pull-Type Sprayer
John Blue Model 700 500-Gal. Sprayer - New!!
NH 302 Liquid, Side Discharge Spreader, Single Axle, Nice Shape - $3,900
FMC DO-25 300 Gal. w/Gun & Hose Reel, Trailing Model, 2 Cyl. Kohler Engine, Like New - $5,800!
Valk Snow Plow, Hyd. Angle For Scout Truck- $575
40x50 Quanset Hut Building, New - Never Erected, $6,500!

COMBINES:
IH 227 CH, fits 315, 205 or 203
IH 205 w/10 ft. Platform, $1,500!
IH 844 Cornhead - $2,500
MF 1144 4-Row Wide CH, Ex. Cond.- $4,250
744 Wide Cornhead for 715, Ex. Cond.
MF 510 Diesel, AC Cab, Transm. Rebuilt, Real Nice Cond.

TILLAGE:
IH 37, 35 In Various Sizes
IH 78 Front Mtd. 4-Row Cultivator w/Quick Attach, For IH 66 Series
IH 710 4-Bottom Semi-Mtd. Auto Reset Plow
1-Bot. Trailing Plow
Bush Ho~~SOLD~~' Offset Disk
White 598 4/5-Bottom Vari-Width Plow, Auto Reset (Case IH Bottoms)

HAY & FORAGE:
550 IH Chopper (Parts)
Int. No. 8 Flail Chopper
NH 69 Baler w/o Thrower
(2) NH 469 Haybines - Working Condition
NH 477 7 Ft. Mower Conditioner, Nice Condition
IH Direct Cut Head For 15 or 16 Chopper
IH 5000 D 12 Ft. Windrower, Nice Shape
Pittsburg 3 Pt. Wheel Rake- $450!
JD 716 For. Wagon, No Roof, w/JD Running Gear

OUTDOOR POWER EQUIP.-
Good Selection Of Used Lawn & Garden Tractors— All Makes And Models

1987 Cub Cadet, Model 1872 18HP, w/50" Deck
1987 Cub Cadet, Model 2072 20HP, w/50" Deck, Rental Unit
Cub Cadet 108 Mower
Cub Cadet 105 w/Mower
Cub Cadet 482
Woods 210 Offset Mower
Worthington 3 Gang Pull Type Golf Course Mower- Ex. Cond.
Toro 7 Gang Pull-Type Golf Course Mower
(2) National 3-Gang Triplex, 1987 Model, 68" Cut- Were $2,000 - Now $1,800 Ea.
National 3-Gang Triplex, Late Model, 84" Cut- $3,500
JD 272, 3 Pt. Hitch, 6 Ft. Finish Mower
Wheel Horse D200 Hydrostatic Drive w/3 Pt. Hitch, 5 Ft. Mower
Grasshopper 1822, Low Hrs., Like New!

Good Selection of Used Cub Cadets In Stock

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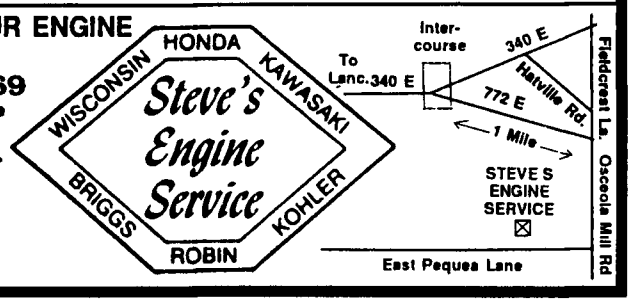
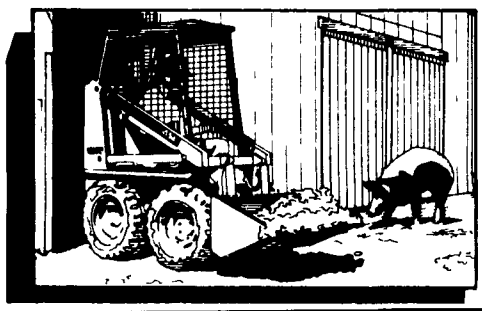


case IH SKID LOADERS



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Now Thru Dec. 28th

DON'T MISS THIS ONE!

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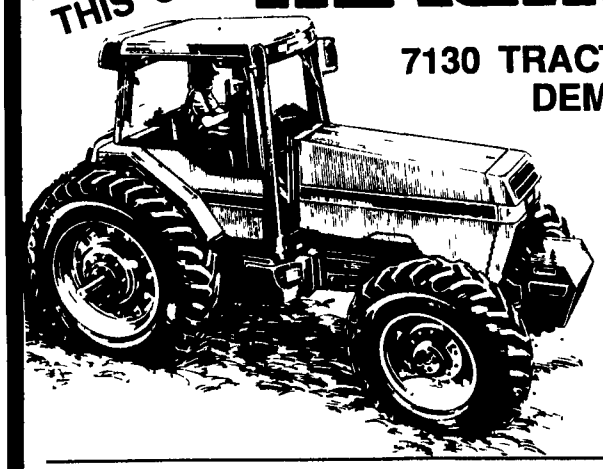

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Low, Low, PRICE!

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Excellent Used Equipment — Selling On Consignment — Call For Prices!

- NI 802 Unisystem Tractor w/717 Uni Combine And More!
- NI 900 4-Row Corn Planter
- Farmall Super C Tractor w/ Cultivator
- Hesston 4600T Baler w/4600BT Thrower
- Case 1816C Skid Loader w/Bucket And Fork
- NI 406 Hyd. Drive Hay Rake
- Farmhand 817 Feed Grinder
- Case 308 3-Bottom Plow
- 363 Manure Spreader Box w/ Single Beater
- Woods Cadet "Bush Whacker" Mower
- David Brown 990 Tractor
- JD 8250 Grain Drill
- Hesston PT10 Haybine
- Case 970 Tractor
- Case 2290 Tractor
- NI 106 Spin Spreader
- 415 15-Ft. Packer Mulcher
- Case IH 475 17½ Ft. Disc

ZIMMERMAN'S FARM SERVICE

½ Mile West Off Rt. 501 On School Rd., Bethel, Pa.

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IH rear wheels & tires 15-538
Wanted
Used Vertical PTO Pit Pump
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New Case D130 Backhoe to mount on skid loader
$5500
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$18,900
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JD 8450
1982, Duals, Quad Range Trans., 3 pt. quick-hitch, PTO, 2 hyd. outlets, 1730 hrs.,
$38,500
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USED EQUIPMENT

TRACTORS
- Case SC Tractor
- Case 995
- Case 930 Tractor
- Case 430
- Case 1030
- Case 1370 w/Cab
- IH 2500A Tractor
- White 2-105 Tractor w/Cab
- David Brown 990 w/Loader
- David Brown 990
- Int. 544
- Int. 656 Gas
- Int. 826 Tractor
- Farmall 300 w/Loader
- Agri Power 8000
- Ford 4000 Tractor
- Ford 2000 w/Side Mounted Industrial Mower
- Ford 8N
- Hesston 60-66

LOADERS
- Case 450 Dozer
- Case 1530 Uni-Loader
- Case 1825 Rental
- (2) Case 1835B Uni-Loaders, Diesel
- Case 1830
- Case 1845 Diesel
- Case 1845C Loader
- Case 580D Loader Backhoe- Like New!
- Case 1830 Uni-Loader
- NH 445 Skid Loader

TILLAGE
- Int. 2-Bot. Trailer Plow
- Ford 5-Bottom Plow
- Int. 6500 11-Tooth Soil Saver
- Case Soil Saver — 7 Tooth
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- JD 210 Disk
- AC 16 Ft. Wing Disk
- JD 710 7-Tooth Soil Saver
- Kawanee 10 Ft. Disk
- Oliver Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- Hesston 2000-100 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 744N 4-Row Head
- NI 768 3-Row Head
- NI 705 Uni-System
- NI 709 Uni-System
- NI 315 Sheller
- NI 727 Husking Bed
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 790 Harvester, 2RN, 6 Ft. Pickup
- Int. 234 Picker
- Badger Forage Box

HAY EQUIPMENT
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- NI 404 Rake
- Hesston 3700 Tedder/ Rake
- (2) Hesston 1014 — Windrowers — 12' & 14'
- Hesston 1090 Wind-rower
- Hesston 1091 Wind-rower
- Case 650 Windrower
- IH 46 Baler
- JD 336 Baler
- NI 456 Round Baler
- IH 27 Baler, For Parts
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler

MISCELLANEOUS
- NH 36 ft. Elevator
- NH 40 Ft. Elevator
- King Wise 28' Elevator
- Gehl 99 Blower
- IH 56 Blower
- NI Blower
- Automatic Roller Mill
- Scavenger 1674 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- NH 353 Spreader
- HM 1674 Spreader
- 1257 Martin Spreader, Like New
- Gehl 350 Spreader
- Gehl 250 Spreader
- NI 243 Spreader
- JD 54 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- Ontario Drill
- Tye No-Til Drill
- JD FB-B 17 DD Drill
- JD 8300 Drill— Soybean Special!
- AC 6-Ft. Trailing Rotary Mower

PLANTERS
- JD 1240 6-Row Planter
- IH 4-Row Corn Planter
- Brillion Seeder/Packer

HESSTON THE PRIME LINE

NEW IDEA

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Phone 717-933-4114

USED TRACTORS

Int. 650 Diesel	$2,150
Int 650LP	$2,150
JD 820	$3,250
JD R	$2,650
JD D	$1,650
(2) MM GB LP	$1,550 to $2,750
(4) MM UTS	$1,100 to $1,600
(2) MM G1350 Diesel	$6,500 to $7,500
MM G750 LP	$1,950
MM G706 LP	$2,950
MM G707 LP	$2,450
MH 55 Diesel	$2,150

Parts For All MM Tractors New & Used

EVERETT BROS.
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NEW IDEA

HESSTON WHITE FARM EQUIPMENT

USED EQUIPMENT
- NH 495 Haybine
- (2) NH 489 Haybine
- A 6R 30" Head for AC Combine
- JD 4400 Combine w/13' Grain & 4 RN C.H
- Hesston 7150 Forage Harvester
- White 5100 6R No-Til Planter, (Sharp)
- White 5100 4 Row Planter
- JD 7000 12R Corn Planter
- Badger Manure Spreader
- NI 213 Manure Spreader
- Int. 56 4R Corn Planter
- Hesston PT10 Windrower
- Hay Buster 107 No-Til Drill
- IH 15' Chisel Plow
- Vicon 15' Power Harrow
- White 6342 3 Bot. Roll-Over Plow (New, Weathered)
- (2) JD 1209 Windrower
- JD Double Windrow Attachment For 1209 Or 1219
- MF 128 Baler w/Thrower
- White 2-85 Tractor w/Cab
- White 8700 Combine
- White 8900 Combines
- Farmall M Tractor
- Westfield 8x51 Auger

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Kingerstown, PA
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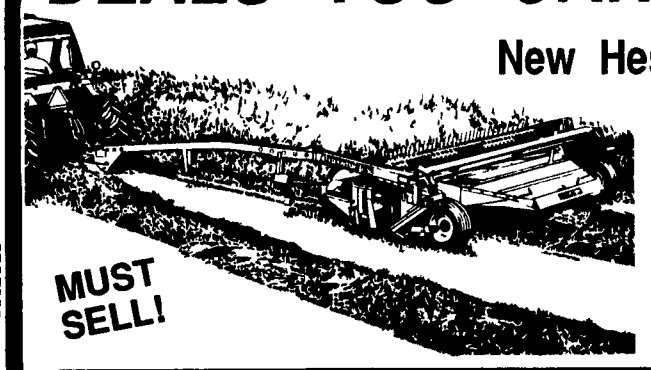

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New Hesston 1150 Windrower
12 Foot!
List $14,900
~~$9,975~~

CALL FOR OUR BEST PRICES ON THESE UNITS!

NEW HESSTON 14"x18" 4600 BEELINE BALER!

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Bethel, Pa.
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IH 1586
Dual 20.8, 2-Outlets
$6,000
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Tractor
Newly overhauled engine and PTO and newly painted
$12,750.00
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1 **FARM EQUIPMENT**

1973 Liebherr 921 Duetz
Diesel Power Hydrostatic Drive, 1 Yd. Bucket
$8,500.00
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Can Deliver

Badger JOHN DEERE WOODS

USED EQUIPMENT
TRACTORS

JD 4240 w/4 post
JD 2940 w/JD 148 loader
JD 2630 w/145 loader
JD 1520 utility
JD 830 utility
JD M w/snow plow
JD B cyclone
JD 4230 w/cab
JD 650 2WD w/mower
Ford 550 loader backhoe
MF 1085
JD 675 B skid loader
MF 180
JD 420 tricycle

MISC EQUIPMENT

JD 7200 4R planter, rental unit
Oliver 546, 6 bottom plow
White 598 5 bottom spring trip plow
Schwartz QT 1800 loader, like new
JD 2R 25B planter
JD 4200 3 bottom, 2-way plow
AC 10' chisel plow
Athens 6' 3 pt. disk
JD AW 12½ ' disk
AC 40KW PTO alternator
NH 683 tank spreader
1973 Chevy stake truck, 21' body

Super Special
Badger BN 3210 Spreader
$3,995.00

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MF 265
Runs Exc., 8 Speed, 2 Outlets
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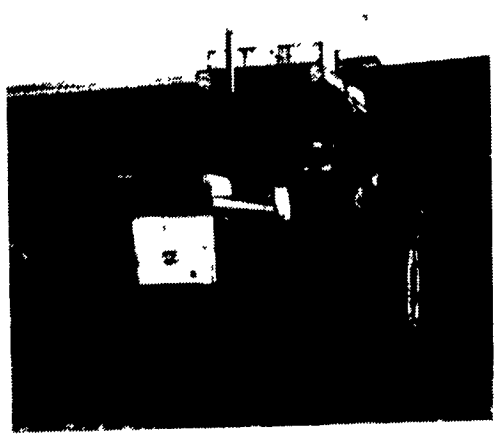

Long 1310 3PH, PTO, Outlets, Runs Good, $4,500
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WHITE FARM EQUIPMENT

NEW EQUIPMENT

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598 5/6 Bot. Plow
5100 4-Row Planter w/Dry Fert.
American Series 60, 4WD, Green
Workhorse 125 Tractor w/Cab
No. 445 Conservation Chisel Plow

GEHL-
HT 243 Tedder
FB 1540 Blower
FB 1560 Blower
FB 1580 Blower
MC 2170 Mower Cond.
CB 1060 Forage Harvester
MS 315 Spreader

BRILLION-
Deep-Til Implement
14 Ft. Spring Tooth Harrow
12 Ft. Pulverizer

NEW IDEA

FARM EQUIPMENT

NEW IDEA-
3618 Spreader
3622 Spreader
3626 Spreader
3632 Spreader
406 Hydraulic Rake
484 Round Baler
5209 Disc Mower Cond.
5407 Disc Mower

USED EQUIPMENT

NI 323 1-Row Cornpicker
NI 243 Spreader
Allis 185 Diesel Tractor
Oliver 1800 Gas
Grove Forage Box 14 Ft. w/Roof
Kuhn FA372 3 Pt. Hitch Sickle Bar
White 256 Disk Harrow
Int. 550 Manure Spreader

MILLER EQUIPMENT CO.
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OLIVER LOADER
1960 Model OC 96 - 700 Hours
Good Condition $5000
ANTHONY PIGNATELLI
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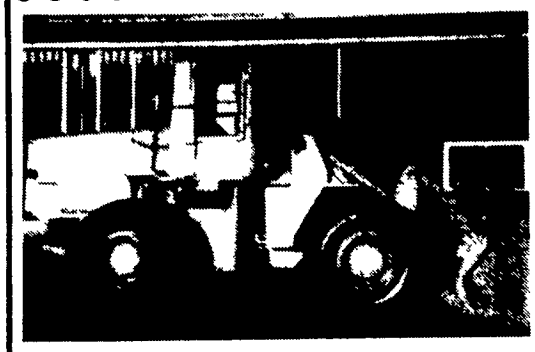

FR15 Fiat Allis
1984 Model Runs Well and Has New Paint
$26,500.00
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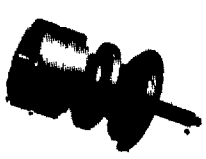

Leaman Tractor Parts

329 Brenneman Rd.
Willow Street, PA 17584
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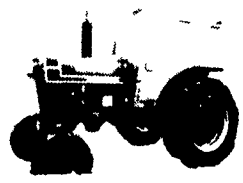
(Turn Left on Brenneman Rd. from 222 S at Refton)



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★ **New Wider Heavy Duty Super Sprag 1-1/32" Wide**
★ **5 Yr. Warranty Against Sprag Failure**
★ **Introductory Price $695.00**

We are pleased to announce a major improvement in TA strength & performance backed up by a warranty that is unmatched in the industry. The 5/8" width Dana sprag which we have used over the past 10 years has proven its ability to perform under the most adverse of conditions and has achieved results that have sent our competitors scrambling to keep up. By increasing the width of the sprag to 1-1/32" and caging it in a heavier frame, we now have an unmatched shock load capacity and dramatically raised our load carrying ability. Our studies have shown that 90% of TA problems are directly related to sprag failure. We feel that we now have the strongest sprag & best rebuilt TA available and it will be warranted as follows:

*5 yr. - 100% parts & labor against sprag
*2 ry. - 100% parts & labor on remainder of unit
Our standard heavy duty TA is still available at $645.00 and carries a *2 yr. - 100% parts & labor warranty.
* Certain restrictions apply and there will be a maximum labor pay-out of $450.00
We also have units & parts available to rebuild old style TA's, including ramp & carrier sets.
NEW price on ramps & carriers - $200.00

QUALITY USED PARTS

We specialize in IH tractors but we also have Case, Oliver, White and Massey tractors in our inventory.

Recent Additions To Parts:
IH 560, 966, 1468, 1566
IH 416, 460, 706, 806
IH 404, 986, 884, 826
IH 1066, IH 340, IH 986
IH 915 Combine
JD 6620 Sidehill

USED TRACTORS

JD 4840 PS cab, air, new 18.4x42 tires $24,500
JD 4640 1981, PS, cab & air, duals and weights, 3700 hours, exc. cond. $30,000 reduced
JD 7520 cab, air, 3 pt. PTO 18x38 tires, very nice condition
1981 IH 1586 cab and air rebuilt TA
IH 1066 year around cab w/air, rebuilt TA, very good condition SOLD
IH Hydro 100, factory cab & Air Rebuilt hydro, fresh paint
IH 1456, 3 pt. dual valves, dual PTO, good condition - Rebuilt TA
IH 856 new TA 3 pt. wide front 38" Tires, very nice
IH 786 diesel 3100 hours, good condition
IH 784 diesel 18x30 tires, 3000 hours
IH 584 diesel w/rops, good shape
IH 240 w/3 pt., very nice
Ford 7710 1982 model, cab & air, dual power, load monitor, good condition
Ford 4110 w/hyd. blade & turf tires
1987 Case, 1594 Row Crop Tractor, 12 sp., PS, ROPS, 12.4x42" Tires, Excellent Vegetable or Spraying Tractor
Cat model D4-N, w/pony motor and hydraulic, good condition, tracks 80%
JD model L, unstyled, restored, very rare
Oliver 1600 d SOLD **ide front end. good**
IH Model 2355 loader, excellent condition w/66 series mounts
Westendorf model 42 loader IH mounts w/ self leveling, new
Myers Loader to fit IH 06, 56 and 66 series
IH model 720, 5x18" toggle trip plow, used under 200 acres

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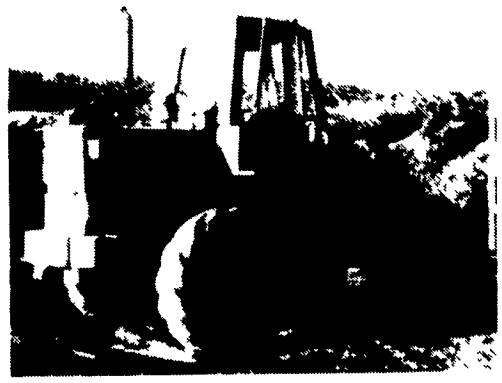
1987 TW 35 Series II, Mechanical Front, Cab, air, duals, 1700 hrs.
1985 Case, 1594 MFWD, ROPS
JD Plow, Model 4200, 4 Bottom Roll Over (new) $1000 Below Dealers Cost

Combines And Heads
MF 13' Grain Platform
Uni System 717 Combine, 713, 716 G.H.
JD 15' flotation bar heads
UNI 744 cornhead
JD 6600 diesel, rotary screen 1900 hours, very nice
JD Model 443 corn head, exc. cond. lo-tin
JD 444 corn head, lo tin, good shape



Used 930 Cat Loader
With Forks, 1979 Model, Looks and Runs Good
$24,500
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USED EQUIPMENT

1989 JD 9600 combine 4WD, 922 flex head	$98,000.00
1989 JD 9600 combine 4WD, 922 flex head	$92,000.00
1990 Case IH 1680 combine, two heads	$95,000.00
1990 JD 4955 4WD	$67,000.00
JD 7000 16 row front fold planter	$20,000.00
IH 4786 4WD tractor, with IH 25' chisel plow	$27,500.00

Many other late model JD tractors to come in soon

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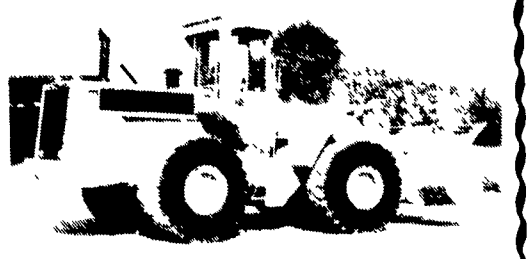

980C
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Steiger tractor Model 350 PTA, engine condition not important
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JD LA New Paint
1948 JD B
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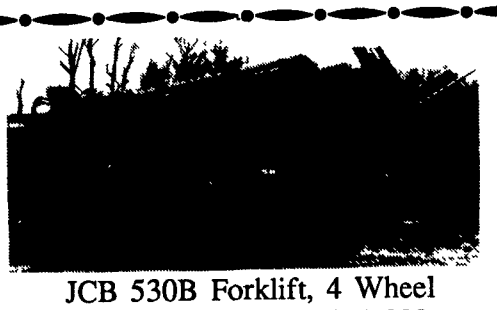
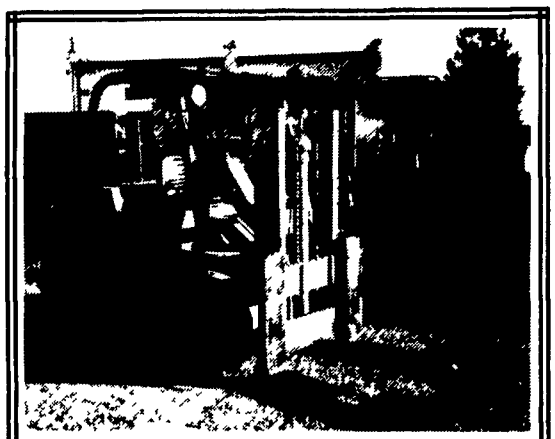


JCB 530B Forklift, 4 Wheel Drive, Low Hours, $20,000
Also Available: 1988 Koehring 6036, 4x4, 600 Hrs., $37,000
Belmont Farm
301-833-9091



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$6,500
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IH 806
IH 706
IH 340
AC 185
AC 7045, PS, Cab & Air, Nice
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AC 180 (Good Cond.)
AC 190XT (Good Cond.)
Used 443 AC Baler Very Good Condition!
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AC 5040
JD 2010 w/Loader

COMBINES ▶ AC Gleaner F, AC M

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Badger Forage Wagon w/Tandem Axle
IH 5100 Grain Drill, Double Disks
AC K Combine w/2 Row Corn Head & Grain Head

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TRACTORS

IHC 1066, Nice	Coming In
JD 4050 MFWD w/Cab, 1 Owner, 2200 Hrs	Coming In
Ford 3000 PS, Excellent	$ 4,500
JD 2510 WF, Gas w/Kelly Loader	$ 5,750
Oliver 550 Diesel, New Engine	$ 4,500
JD 2350 w/Hi-Low Rack & Pinion, Exc	Call For Price
JD 4000 1972 Model WF 18 4x38 Tires, Exc	Call For Price
JD 4250 w/Cab, Heat, Air, Exc	Call For Price
JD 2940, Excellent	Call For Price
MF 2675 Cab Heat, Air, 2200 Hrs, 1 Owner, Excellent	Call For Price
JD 2840 Tractor, Excellent	Call For Price
MM 335, 3PT Hitch, Wide Front	$ 2,800
JD 650 MFWD w/60" Mid Mower, 20 Hrs, New Warranty	$ 7,950
JD 4050 1987 Model 4 Post PS	Call For Price
Farmall 400 w/Pulley, Fast Hitch, New Torque and Motor	Call For Price
JD 2750 w/146 Loader, 1300 Hrs, Like New, 1986 Model	$20,900
JD 2150 w/Turf Tires, 45 Hrs, Like New	Call For Price
Farmall H w/Front Blade	$ 1,500

COMBINES

JD 30 Combine PTO	Coming In
JD 25A Combine PTO	Coming In
JD 4400 Gas	$ 4,995
(3) JD 6600 Combines	Starting at $ 4,500
IH 1460 Combine, 3900 Hrs	$12,900
IHC 205 w/10' Grain Platform & Cab, Nice	$ 4,750

CORNHEADS & GRAIN PLATFORMS

JD 643 Corn Head, Excellent	$ 6,450
JD 213 Platform, Flex Head	$ 3,750
Gehl 2 Row Adjustable Snapper Head	$ 1,595
NI 844 Snapper WR	$ 2,000
AC 3RN Cornhead w/Hesston Snapper Head Adapter	$ 2,300

MISCELLANEOUS

JD 210 Disc, Excellent	$ 3,750
JD 148 Loader Indpt. Valves, Excellent	$ 3,000
Gehl 1580 Blower, Excellent	Coming In
JD 143 Loader Indp Valves	$ 1,900
2 NI 323 1 Row Pickers	Starting at $ 1,795
Artsway 425 Grinder/Mixer	$ 2,995
JD 8300 18x7 Grain Drill, Like New	Coming In
JD 110 Disc, 11'5"	Coming In
Bobcat 743 Diesel Skid Loader w/2 Buckets	$10,900
McCurdy 12 Ton Tandem Chassis	$ 1,000
Spreader Box	$ 750
JD 1550 Powertill Seeder w/Grass Seeder, Nice	$ 3,250
NI 325 Picker Sheller	$ 2,500

HAY EQUIPMENT

NH 326 Baler w/Thrower, Loaded, Hyd Bale Tension & Controls	Coming In
JD 7' Grass Head	$ 2,250
NH 469 Haybine	$ 1,995
JD 24T Baler w/30 Ejector	$ 1,850
NH 1112 Self Propelled Windrower	Coming In
Hesston 6555, Self Propelled Windrower w/12' Head, 900 Hrs, Excellent	Coming In
JD 350 mower	$ 1,750
NH Double Hitch for Rakes	$ 495
NH 315 Baler w/Thrower	~~$4,000~~ $ 2,995
NH 282 Baler w/Thrower, Excellent	Coming In
NH 273 Baler w/Thrower	$ 2,500
NI 555 Baler w/Thrower	~~$4,000~~ $ 3,250
JD 670 Hay Rake, 9½', Rubber Teeth, Gauge Wheel	$ 1,895
Hesston 5510 Round Baler, Nice	~~$6,450~~ $ 5,850

FORAGE EQUIPMENT

JD 3940 Harvester w/Elec Controls 2RN, 5½' Pickup w/Gauge Wheels	Coming In
Direct 12' Cut Head For SP, Harvester, Like New	$ 4,995
Complete Cutter Head For JD Self-Propelled Forage Harvester	$ 3,000
JD 3960 Harvester w/Controls & 7' Grasshead	$ 9,000
IHC 555 Forage Harvester w/2RW & Grasshead	$ 2,500
Papec Forage Harvester w/Grasshead & 2RW	$ 800
JD 716A Forage Wagon w/1275 Tandem Chassis, Nice	$ 6,250

MANURE SPREADERS

5 - NI Manure Spreaders	$700-$ 1,100
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Farmall 400 gas, WFE	(5)	$ 2,000
MF 30B tractor loader, dsl, shuttle shift, 3 pt	(5)	$ 5,300
Case IH 245 compact dsl tractor, 21 HP, 2WD	(N)	$ 7,700
Case IH 275 compact dsl tactor, 30 HP, 4WD	(N)	$ 9,900
IH 5100 grain drill, 16x7, DD openers, press wheels	(N)	$ 5,500
Case IH 5100 grain drill, 18x7, DD openers, press wheels	(N)	$ 6,000
IH 5500 chisel plow, 7 shank, 3 bar, 3 pt	(N)	$ 1,950
IH #80 snow blow SOLD pt	(N)	$ 1,875
IH scraper blade, 6', 3 pt	(N)	$ 325
NI 406 rake, 9'6"	(N)	$ 2,850
NI 9306, 6 row double frame planter	(N)	$ 9,900
NI 3618 manure spdr, 180 bu. w/endgate	(N)	$ 4,300
NI 3622 manure spdr, 220 bu w/endgate	(N)	$ 4,950
NI 3816 slurry spreader, 1600 gal	(R)	$ 4,500
Gehl 1465 round baler	(N)	$ 9,500
Gehl 1560 forage blower, 1000 PTO	(D)	$ 2,555
Gehl 170 grinder mixer	(N)	$ 9,300
Gehl R260 10' rotary rake	(D)	$ 2,350
Gehl 175 manure spdr w/endgate 175 bu	(N)	$ 4,100
Gehl 215 wheel rake, 3 pt	(D)	$ 995
Bush Hog 5' rotary mower, 3 pt	(N)	$ 775
Bush Hog 6' rotary mower, 3 pt	(N)	$ 975
Bush Hog 6' heavy duty rotary mower, 3 pt	(N)	$ 1,450
Bush Hog post hole digger	(N)	$ 625
Pequea hay tedder, 7' PTO pull type	(N)	$ 1,475
NH 512 manure spreader	(7)	$ 1,495
NH 1495 self-propelled haybine, dsl, cab	(6)	$11,400
NH 488 haybine, 9' cut, rolls excellent	(6)	$ 2,700
NH 489 haybine, 9' cut	(5)	$ 3,200
NH 310 baler w/thrower, 1 owner	(6)	$ 2,900
NH 273 baler w/thrower	(5)	$ 900
NH 1495 self propelled, gas, vari speed	(5)	$ 6,900
NH 27 forage blower	(5)	$ 600
NH 30 forage blower, 1000 PTO	(6)	$ 775
NI 527 disc mower, 3 pt. 7' reconditioned	(7)	$ 2,400
NI 214 manure spdr, 200 bu, endgate	(7)	$ 1,800
NI 904 corn planter, 4 row N, extras	(6)	$ 5,000
NI 504 loader w/hydraulic bucket	(5)	$ 600
NI flail chopper, 5' cut	(2)	$ 225
NI 32' elevator w/motor mount	(4)	$ 500
JD 65 forage blower	(2)	$ 175
JD 660 manure spreader w/endgate	(7)	$ 3,000
Gehl 322 SOLD, 2 yrs old	(7)	$ 8,700
Gehl 99 forage blower	(5)	$ 600
Gehl 2 row corn head, fits 600, 800 harv	(3)	$ 300
Badger forage box, roof, 3 beater, tandem	(5)	$ 975
Kasten forage box, 2 beater, no roof	(4)	$ 600
IH 800 corn planter, 4 row	(5)	$ 3,500
Glencoe 12' field cultivator	(5)	$ 700
Deutz Fahr hay tedder 18'	(6)	$ 800
Hesston 10' swing frame	(5)	$ 1,225
White 256 disk harrow, 13' tandem	(6)	$ 1,295
Oliver Superior grain drill, 12x7	(3)	$ 300
Hardee rotary mower, 3 pt 5' hydraulic offset	(5)	$ 1,300
Wic bedding chopper, 3 pt PTO, 1 yr old	(7)	$ 995
York landscape rake, 8' Pro model	(6)	$ 900
Meyer 7' snow plow	(7)	$ 475
Mighty Mac skid loader	(5)	$ 1,900
NH 328 spreader (for feed or wood cart)	(1)	$ 150

ATTACHMENTS:

Case 72" material bucket fits 54 loader (new)	$ 475
Case uniloader buckets (fit 1830-1835 series)	$150 & up
NI endgate for 352 manure spreader	$ 485
White no-till planter coulters (set of 6)	$ 600

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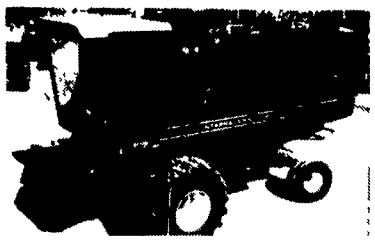
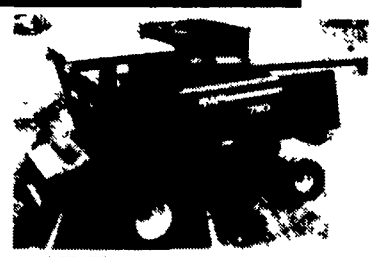
USED COMBINES & CORN PICKERS

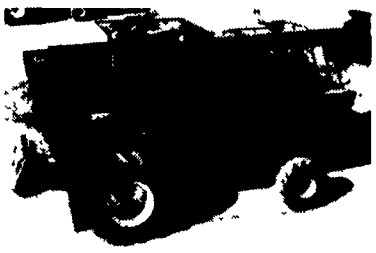
MF 850, 3200 Hrs., 23.1x30 Tires w/1163 Cornhead, 9115 Flex Platform (U5459)



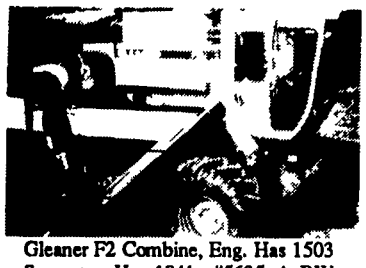
IH 1440 Combine, 2760 Hrs., 28Lx26 and 11.00x16 Tires, Auto Header Control, AC/Heater (U4817)



MF 750 1978 Model, Very Clean, Excellent Condition (U5559)



IH 1460, 1979 Model, Grain-Loss Monitor, 30.5x32 And 18.4x16.1 Tires (U4744)



Gleaner F2 Combine, Eng. Has 1503 Seperator Hr. 1041. #5635 4 RW Corn Head, #5636 13' Flex Platform Tag. (U5634)

IH 863 Cornhead 6 Rows x 30" (U4584)

IH 715 Combine Gas, Gear, Cab (U4078)

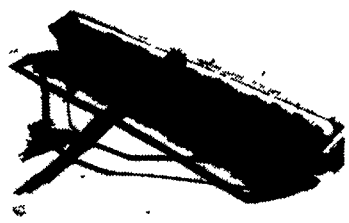
Case IH 1660 30.5Lx32, 18.4x16.1 Tires, Cab w/Air, Htr., CI Grain Scan, Feeder Reverser (U5568)

JD 216 Flex Platform (U4662)

USED TILLAGE

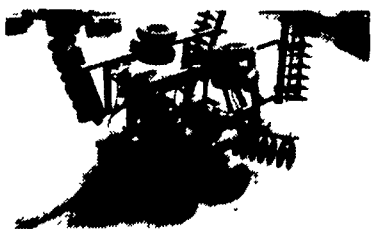
Bush Hog 18' Disc Ave. Cond. (T5552)

IH Cultimulcher 15' (T5588)



Brillion 10' Packer (T5218)

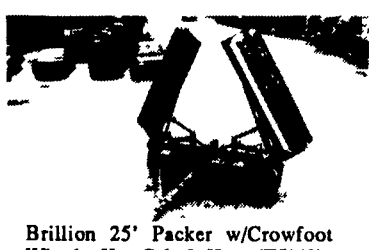
White Model 281 Disc, 10' Offset Blades FT, Blades Rear, New (T5551)



Rhino F90 Disc, 21' Cut Spacing 9" Ft. 7½ RR, Blades 17½ Ft. 21" RR (T5271)

JD Plow 6-18" (T5450)

Krause 4924 Disc 19" Blades, Rockflex (T5460)

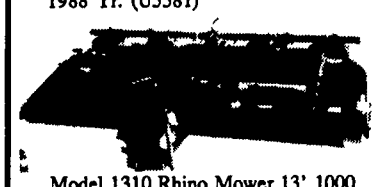


Brillion 25' Packer w/Crowfoot Wheels, Has Cyl. & Hose (T5142)

Krause 2416 Disc, Rockflex, Regreasable Bearings, Heavy C-Arms (T5538)
Oliver 253 Disc 13'6", 9" Spacing (T4968)
IH 710 Plow, 6-16" Coulters, Spring Trip Bottoms (T3699)
Tebbir Subsoiler 9 Shank, Leaf Spring Trip (T4947)
JD 235 Folding Disc (T4978)
IH 18' Field Cultivator w/2 Row Tine Harrow (T5046)
IH 37 Disc, 10' Cut w/17" Blades (T5052)
Krause 2413 22' Disc, As Is (T5107)
IH 475 Disc, 12' (T5114)
Brillion 24' Field Cultivator, Hyd. Fold (T5193)
IH 700 Plow, Semi-Mt. 5x16", Furrow, Cylinder (T4243)
10' Cultimulcher (T2929)
Brillion WP108 Packer, 23' Wing-Fold, 18" Wheels, Transport (T4425)
10' Peg Tooth Harrow With Transport (T4367)
Brillion Packer, 25', X-Fold (T5408)
Kewanee 22' Field Cultivator, Flat Fold, 3 Row Tine (T5167)
Krause 2440 Disc, 26' Cut, Rockflex, 10" Spacing (T5127)
IH 475 Disc, Hyd. Blades, Good Blades (T5145)
Krause 1924 Disc, Rockflex (T5319)

USED MISCELLANEOUS

NH 311 Baler Kawasaki Engine, 1988 Yr. (U5581)



Model 1310 Rhino Mower 13' 1000 RPM/PTO, Cyl. Pnce $5395 (U4740)

NH Model 315 Baler w/Bale Chute (U5178)
Great Plains Drill Hitch, Pull Type V4330)
IH 440 Baler (U5269)
IH 3204 Disc Mower, 5' Cut, 540 PTO (U4544)
IH 3205 Disc Mower, 5' Cut, 540 PTO (U4544)
Woods C114 Mower, Dual Blades, Hyd Transport (U5336)
JD 347 Baler, w/Model 40 Thrower, 540 PTO (U5367)
IH 47 Baler, 540 PTO, #10 Thrower, Runs (U4491)
Fox 656 Blower, 56" Fan, 540 PTO, Fair (U4281)
Westgo Rockpicker, Hyd. Reel & Dump U5067)

USED TRACTORS & UNILOADERS

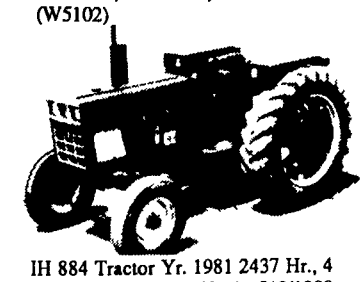
IH Model 1086 Diesel, 18.4x38 New Tires, 3600 Hr. Gear And TA (W3500)

IH 5088 Tractor, 1981 Yr. 2653 Hrs., 6 Cyl. Diesel, 3 Rear Remotes 18.4-38 Tires, Duals (5649)

Steiger ST300 Tractor, 300 HP Cat. 3900 Hr., 20.8x34 Tires (W5087)

Steiger ST210 Tractor, 210 HP Cat, Yr. 1976, 1389 Hr., 18.4x34 Tires (W5102)

JD 4630 Tractor, 1977 Yr. 6581 Hrs., 1000 PTO, 20.8x38 Tires (W5449)



IH 884 Tractor Yr. 1981 2437 Hr., 4 Cyl. Diesel, 3 Pt. Hitch 540/1000 PTO 14.9x38 Tires (W4485)

JD 2440, 2WD, 15.5x38 Rear Tires, JD #48 Loader w/60" Bucket (W5490)
AC 440, w/Cummins 555 Engine, Quick Hitch, 28Lx26 Tires (W5406)
Oliver 1850 Diesel, 18 4x38 Tires, Weights (W5445)
IH 966 Diesel, 8784 Hrs , 18 4x38 Tires (W5109)
IH 1086, With Cab, Duals, 20 8x38 Tires, 540/1000 PTO (W5103)
AC C Tractor, 26 HP Gas, Gear, Tricycle, 540 PTO (W3275)
IH Farmall C, Gas, Belt Pulley, 11 2x36 Tires (W4547)
IH 706, Narrow Front, Gas, 18 4x34 Tires (W4312)
IH 5088, Turbo, 20 8x38 Tires, Cab (W4601)
IH F1066 Diesel, Gear, TA, 540/1000 PTO, 10 00x16 & 20 8x38 Tires, Cab (W4038)
IH 5088 Tractor, With Duals (W4940)
IH 3514 Tractor (W4936)
IH Loader, Model 500C (W4885)
AC CA Tractor, w/6' Rear Mnt. Sickle Mower, 2 Bottom Plow (W5175)
IH 986, 18 4x38 Tires, 3 Remotes, 540/1000 PTO (W5089)
Steiger, ST300, 20 8x34 Duals (W5087)
MF 50, Gas, Gear, 540 PTO, All New 6 00x16 & 12 4x48 Tires, 99 Loader (W4164)
IH 966 Diesel, 18 4x38, 5787 Hrs , 2 Remotes (W4945)

JD 4430 Tractor, 1975 Yr., 6 Cyl. Diesel w/Turbo Power Shift, 20.8x38 Tires (W5535)

USED PLANTERS & DRILLS

JD 7000 Planter, 6 Row, 30" Conservation Disc, Seed Monitor (V5200)

IH 5100 Drill, 18x7 Double Disc, Grass Seed Attach (V5621)
IH 510 Drill Single Disc, Grass Seed Attach (V5613)
Lilliston 9680 Drill, 18x7 No Till, Grass Seeder, Hyd Cylinder (V5549)
IH 510 Drill Single Disc w/Grass Seeder (V5550)
Krause 5213 Drill, No-till, Rear Wheel Attach , 10 00x15 Tires (V5492)
Case 17x7 Drill Single Disc, Cheap Drill (V4529)
IH 5100 Drill, 21x7 Combination (V4955)
Great Plains 12' Drill (V5376)
JD FBB 18x7 Drill, Double Disc, Grass Seed, Press Whls (V4382)
IH 5100 21x7 Drill, Double Disc, Grass Seed, Excellent (V4567)
GP 12' NT Drill, 7 5" Spacing, No-Till Hitch, Mid Drill (V4607)
KR 5210 10' Drill, No-Till, 7" Spacing, Excellent Cond (V4545)
WH 5400 Air Planter, 6x30", No-Till, Insecticide, Good Shape (V3676)
IH 386 Planter, Planter Toolbar, 6x38", Good Toolbar (V9299)
JD 7000 Planter, 8 Row, Folding w/Markers (V4975)
JD 7000 Planter, 8 Row, Folding w/Markers (V4976)
IH 800 Planter, 6 Row Narrow (V5035)

USED SPRAYERS

Century 500G Sprayer, 35' Boom, PTO Pump, Plastic Tips (V3361)
JD 300G Sprayer, 30' Boom, Blue Gmd Drive Pump, PTO Agitator Pump (V4123)

case IH

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DECEMBER WHITE TAG SALE!!!

NEW Equipment Inventory Clearance —

ALL SALE ITEMS Are PRICED ON WHITE TAGS

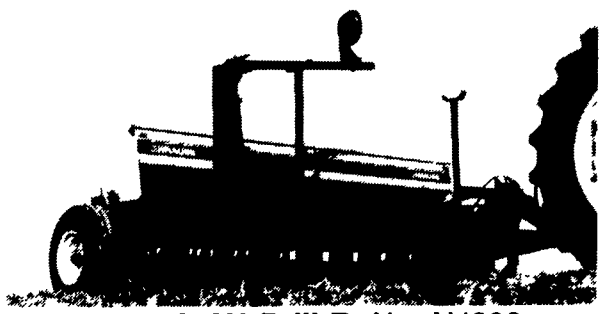
Most NEW SALE ITEMS are Priced at COST!!!

NEW! TRACTORS, LOADERS AND ATTACHMENTS NEW!

- **Koyker K6 Loader,** No. R2023, Heavy Duty Loader Fits FARMALL Tractors - 66, 86, 50 Series, EXCELLENT LIFT & BREAKOUT. 8' Heavy Duty Bucket. Haul Away For $3,954.

NEW! PLANTERS, SPREADERS AND DRILLS NEW!

- **Brillion SSLP642 Grass Seeder** No. R4911 42" 3 Point Hitch Grass Seeder, ACCURATELY SEEDS ALL GRASSES.
- **Krause 5210N Drill** No. N4369 10' NO-TIL Drill, Double Disc Openers, Rear Transport Wheels, GOES IN THE GROUND WHEN OTHERS WON'T. Winter Special Price - $12,380.
- **Krause 5213N Drill** No. N4391 13' NO-TIL Drill, Double Disc Openers, Rear Transport Wheels, GOES IN THE GROUND WHEN OTHERS WON'T.

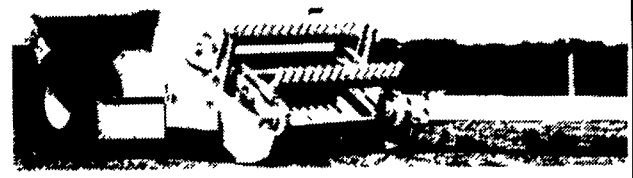


- **Krause 5213N Drill-R**, No. N4392, 13' NO-TIL Drill, Double Disc Openers, Rear Transport Wheels, GOES IN THE GROUND WHEN OTHERS WON'T. Demo Model Used 1200A. Winter Special Price - $11,495
- **Great Plains 7' No Till Drill** No. R5249, Trailing 7' End-Wheel, NO-TIL, Double Disc Openers, 2x13 Depth Press Wheels, Gear Driven Seed Cups. DEMO/RENTAL UNIT (1) ONLY. Call For Price.

NEW! HAY, FORAGE AND MOWING NEW!

- **Rhino SR15 Mower,** No. S4478 15 Flex-wing Rotary Cutter, 540 RPM PTO, Heavy Duty Gear Boxes & Drive-lines, Puncture Proof Tires. MOW PASTURE, BRUSH OR STALKS WITH THIS MOWER. Winter Sale Price - $8,984
- **Rhino SE15 Mower** No. S5404 15' Flex-Wing Rotary Cutter, Chain Guards Front & Rear, Puncture Proof Tires. THIS IS THE MOWER FOR PASTURES. Winter Special Price - $7,975.
- **Schulte 1500 Mower** No. R5251 15' Heavy Duty Rotary Cutter, Handles Brush Better, Cuts Stalks. BUILT TO CUT WHAT YOU NEED TO CUT. Priced to sell.
- **Rhino SR120 Mower** No. S4112 10' Rotary Cutter, 540 RPM PTO, Heavy Duty Gear Boxes & Drive Lines, 3 Point Hitch Mounted. THIS MOWER HAS TO GO IN DEC. PRICE - $3,654. CASH & CARRY.
- **Farmco 18' Bale Wagon** No. S5239 18' Long, 8' Wide, Steel Sides, 8 Ton Running Gear w/NEW 9.5Lx15 Tires, (2) ONLY. SPECIAL PRICE - $1,825

NEW! DISCS AND TILLAGE MACHINES NEW!



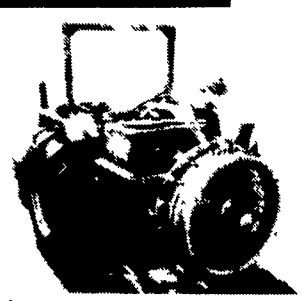
- **Schulte RS320 Rockpicker** No. R5541 Heavy Duty Rockpicker, Handles a Tough Job Like a Piece of Cake. NOTHING ELSE MATCHES THIS ROCKPICKER. Call for Price.

- **Krause 4120 Field Cultivator** No. P4534 23' Field Cultivator, 46 Heavy Duty Edge-On-K-Tines, 9" Sweeps, 3 Bar Spike Harrow Finisher. HANDLES TRASH AND ROUGH FIELDS BETTER THAN THEIRS.

- **Krause 4921A Disk** No. P4023 18' Flex-Wing, Rockflex Disc, 22"x½ " - Front, 22"x6GA-Rear, Cuts & Finishes Without Compare. WINTER SPECIAL PRICE - $12,714
- **Brillion 23' Packer** No. R4524 23' Flex-Wing Packer, 9.5Lx15 Tires-(4), 20" Packer Wheels
- **DMI Tiger II-5 Subsoiler,** No. R4514 5 Shank Subsoiler, Auto Reset, Unique Tiger Points Break Up Hardpan. DEMO/RENTAL UNIT. One Only! PRICE - $9,867.

NEW! SPRAYERS AND SPRAYER ATTACHMENTS NEW!

- **FMC DP100-32 Sprayer** No. Q4651 100 Gal. Airblast, 12GPM Pump, 3 Point Hitch. SPRAY ORCHARDS, VEGETABLES, OR SWEET CORN. Winter Special Price - $3,229



- **Hoober Saddletanks** No. Q3427 Fits 2-Wheel Drive MAGNUM. 210 Gallon V-Shaped Tanks. PRICED TO SELL - $2,680
- **FMC DP100323P Sprayer** No. Q2947 100 Gal. Airblast, 12GPM Pump, 3 Point Hitch, Rotating Crop Head for Vegetable Crops. CLEARANCE PRICE - $4,695
- **FMC DP103PT-5 Sprayer** No. Q3872 50 Gallon, 3 Point Hitch, 10GPM Pump, EXCELLENT LAWN OR SPOT SPRAYER, Price - $1,125
- **FMC D060PO600 Sprayer** No. Q4008, 600 Gallon, PTO, 60 GPM, 11x38 Hi-Float Tires, Drawbar, 84' Hydraulic Folding, Self-Level Boom. VEGETABLE SPECIAL. Clearance Price - $16,777

NEW! MISCELLANEOUS NEW!

- **Kawasaki Mule** No. R4742 4-Wheeler, 2 Wheel Drive, DEMO & LOT MACHINE. Special Winter Price - $5,500
- **Farm-Aid 430 Mixer Wagon** No. R5311 430 Bushel Paddle-Style Mixer Wagon, Easy Running, Low Maintenance Machine. Scales. YOU MUST TRY THIS MIXER TO BELIEVE ITS SIMPLICITY.

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NEW! TRACTORS, LOADERS AND ATTACHMENTS NEW!

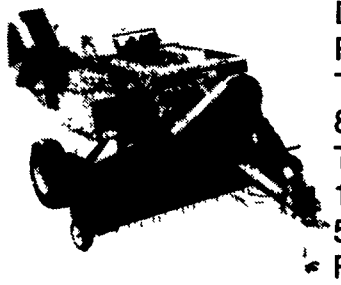
- **Case IH 485 Tractor,** No. A4780, 485 MFD, 45 HP Diesel, Forward/ Reverse Shuttle 14.9x28 Tires, 16.9 GPM Hydraulic Pump, 2250 Loader, COMBINATION IS SETUP TO DO YOUR LOADER WORK FOR YEARS.
- **Case IH 385MFD Tractor,** No. A4577 385 MFD, 38 HP Diesel, Forward/ Reverse Shuttle, 13.6x29 Tires, 2250 Loader, EXCELLENT LOADER OR SCRAPER TRACTOR. Compare this PRICE to any MAKE.
- **Case IH 2250 Loader,** No. B4157 Replace Your OLD Loader at FANTASTIC Prices. IF YOU OWN A 2250 LOADER AND IT'S WORN OUT - Call for a ONE-TIME only PRICE. (Price w/NEW 84" Bkt. & NO Valve)
- **Case IH 2255 Loader,** No. B4765 Need a Loader for an 85 Series Tractor? WE'RE OVERSTOCKED! YOU BENEFIT! Price w/84" HD Bucket & Loader Control Valve.

NEW! DISCS AND TILLAGE MACHINES NEW!

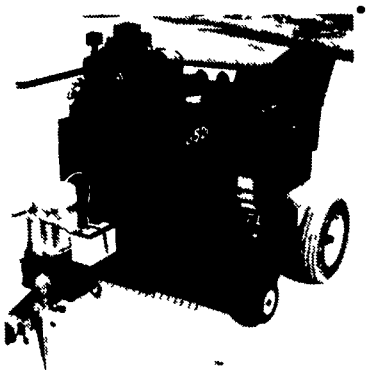
- **Case IH 450 Plow**, No. C5689 3 Bottom, 16", Mounted, Steel Trash Plates, Coulters, AUTOMATIC RESET FOR YOUR ROCKY FIELDS.
- **Case IH 720 Plow** No. C5074 4 Bottom, 18" Semi-Mount, Steel Trash Plates, Coulters, Shifting Hitch. AUTOMATIC RESET FOR YOUR ROCKY FIELDS. Call for Price.
- **Case IH 496, 18'7" Disc Harrow**, No. C5501 Flex-Wing, Cushion Gang, 22"x6 GA Blades, 7.5" Spacing, Furrow Filler, EXCELLENT DISC FOR LIGHT SANDY SOIL.
- **Case-IH 5700 Chisel Plow** No. C3005 11, 32" Shanks, 3 Rank Mounted, Gauge Wheels, Heavy-Duty Frame.
- **Case IH 144/265 Cultivator** No. B4329 Fits 265 Tractor, 416 Tooling.
- **Case-IH 183-6 Row Cultivator** No. D5500 6 Row Mounted, 30" Rows, Vibra-Tine Tooling. SPECIAL WINTER PRICE - $2,434

NEW! HAY, FORAGE AND MOWING NEW!

- **Case IH 8610 Bale Processor,** No. F5382 Round Bale Processor, Handles Bales Up To 6.5' in diameter.
- **Case IH 8580 Baler**, No. F4779 BIG BALER Makes up to 2,000 lb. Bales, Hydraulic Bale Density Control, INDUSTRY STANDARD BIG BALER. Finance Waiver - 5/1/91.
- **Case IH 8530 Baler** No. F3705. Low-Profile Centerline Design, 89" Wide Pickup w/84 Teeth Model 8511 Hyd. Drive Thrower, Makes 14"x18" Bale - 52" Long. DEMO: Priced Below COST!!



- **Case IH 8330 Mower Cond.,** No. F3817 9'3" Cut, 9'2" Inter-meshing TICOR Rolls, Stub on Stub Guards Cut Like a Disc Mower. DEMO!! MUST GO THIS MONTH!!



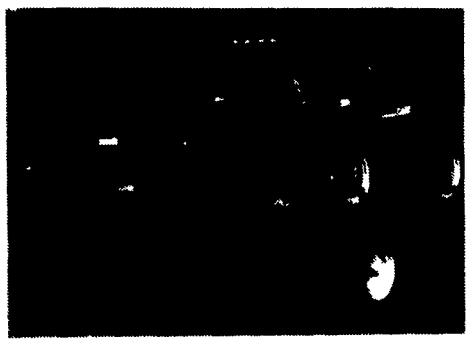
- **Case IH 8520 Baler** No. F5654 AMISH BALER. Kohler Eng., Chute, Steel Wheels, Wagon Hitch. We Start You In The Field. CALL FOR WINTER CASH PRICE.
- **Case IH 8830 Windrower**, No. F4815 75 HP CASE Diesel, 12' Hay Header w/110" Intermeshed Conditioner Rolls, A/C Cab, Hi-Float Tires. WINTER SPECIAL PRICE. Finance Waiver - 5/1/91.

- **Case IH 8360 Mower-Conditioner**, No. F4318 12' Center-Pivot, 10' Intermesh TICOR Rolls, Stub On Stub Guards, Hydraulic Drive. SPECIAL WINTER PRICE!!

PLANTERS, SPREADERS AND DRILLS

NEW! NEW!

- **Case IH 900-4RN Planter,** No. E2296, 4 Row, 38" Insecticide, NO Fertilizer, SPECIAL PRICE ON THIS STRIPPED DOWN PLANTER. FINANCE WAIVER - 5/1/91.
- **Case IH 900-4RN Planter**, No. E3957 4 Row, 30", Dry Fertilizer, Insecticide, Seedflow Monitor, 1000 RPM PTO. WINTER SPECIAL. HOOBER SERVICE AT THIS PRICE??? FINANCE WAIVER - 5/1/91
- **Case IH 900-8RN Planter,** No. E4970 8,30' Rows, Folding Hitch, Transports at 12', Liquid Fert., Insecticide, Early Riser Monitor, TRY AN AN 8 ROW SYSTEM.
- **Case IH 550 Spreader,** No. H2221 250 Bushel, Upper Beater, Hyd. Endgate, Used 20" Truck Tires, THIS UNIT MUST GO!!! Price - $4,450



- **Case IH 5100-24x6 Drill** No. E4776 24 DD Openers, 6" Spacing, Depth Press Wheels, Soybean Special. SEED SMALL GRAIN OR SOYBEANS. Special Cash Price
- **Case IH 5100-20x6 Drill** No. E4773 20 DD Openers, 6" Spacing, Depth Press Wheels, Soybean Special, Grass Seed. SEED SMALL GRAIN OR SOYBEANS.

NEW! MISCELLANEOUS NEW!

- **Case IH 80 Snow Blower**, No. H4867 80 Snowblower, 3 Pt. Hitch, Hydraulic Chute Control. BLOW YOUR SNOW AWAY WITH THIS HEAVY DUTY MACHINE. Preseason Price - $2,280

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NEW TRACTORS & EQUIPMENT

Case-IH 245 AWD
Case-IH 485, 42 HP
Case-IH 695 MFD
Case-IH 5140, 2WD, w/Cab 95HP
Case-IH 4500, VS Field Cult.
Case-IH 5710 Trail Chisel Plow
Case-IH 8420 Round Baler
Case-IH 8530 Sq. Baler w/Thro.
Case-IH 720, 4F, 18", Auto. Plow
Case-IH 475 12' Disk Har.
Case-IH 5100 20x6 Drill
Case-IH 5300 16x7 Drill
Case-IH 5300 20x6 drill
Case-IH 5300 24x6 drill
Case-IH 900 6R Air Planter
Case-IH 2255 Loader
Case-IH 560 Spreader
Case-IH 2250 Loader
Case-IH 86 Hay Rake, Hyd.
Case-IH 3309 Disc Mower/Cond.
Case-IH 1300 Sickle Mower
Case-IH 860 Hay Rake, Gr. Dr.

USED TRACTORS & EQUIPMENT

Case 1190 (1983, 645 Hrs.)	$ 9,500	IH 510 5F 18" Plow	$ 1,150
IH 574 D Tractor	$ 6,150	IH 411 4F 16" 2PT Plow	$ 500
IH F-C w/Cult. Tractor	$ 850	Ford 4F 14" 3PT Plow	$ 350
IH F-BN Tractor	$ 1,150	IH 1300, 3PT 5' Mower	$ 950
NI 270, 7' cut/cond.	$ 1,250	IH 1190 Mower/Cond (Nice)	$ 5,350
NH 55 hay rake	$ 850	IH 203 SP Combine	$ 1,500
NH 479 Haybine	$ 1,350	Ont. 13x7 SD Drill	$ 650
IH 430 Baler w/Thrower	$ 1,850	IH 1150 Grinder/Mixer	$ 1,250
IH 550 Harvester w/Heads	$ 1,200	Gehl Forage Box w/Gear	$ 1,850
IH 560 Spreader w/Hyd. Endgate	$ 1,650	Gehl FB99 Blower	$ 1,250
IH 700 5F 16" Auto Plow	$ 1,950	Gehl 2R Wide-Narr. Snapper Head (600-700-800 Harv.)	$ 1,500
IH 710 5F 16" Plow w/Cyl.	$ 1,350		

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Tractors
Ford TW20 4WD Cab & Air
Ford 2810 w/Loader
Ford 4610 w/Cab
Ford 9600 Cab & Air
NEW Ford 1720 4WD w/Loader, Backhoe
Ford 8000 DP w/773 Loader
Ford 7700 4WD Cab, Dual Power
Ford 7610 4x4
Ford 6600 w/Dual Power
Ford 601 w/Loader
Ford 555B 4WD, Loader Hoe
Ford 5000 Gas SOS
Ford 515 Dsl., Loader, Backhoe
Ford 3600 Dsl., PS, w/Canopy
Ford 3000 w/Blade
Ford 3000 Dsl., 8 Speed
Ford 2110 2WD, PS, 800 Hrs.
Ford 1720 4WD, PS, w/7108 Loader
Ford 1520 4x4 w/Loader
Ford 1510 4WD w/Loader
Ford 1320 2WD, PS, 75 Hrs.
Ford 1310 4x4 w/Loader
Ford 1110 Hydro w/48" Mower
Ford 335 D w/Loader
MF 135 Gas, PS, LPTO, 8 Spd.
JD 1020 Gas
AC 5020 Turf Tires
AC B w/Mower
Farmall Cub w/Mower
Kubota 4WD w/Loader

Equipment
JD 3300 Combine
Glencoe 9' Pull Type Chisel Plow
NH 320 Baler w/Thrower
JD 346 Baler w/Kicker
(2) Ford 532 Balers
NI 323 Corn Picker
NI #7 Corn Picker

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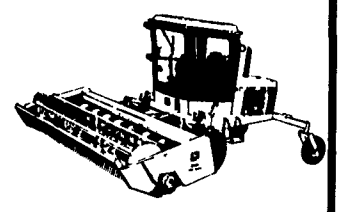

New Equipment In Stock

Tractors
JD 755 4WD
JD 770 4WD
JD 855 4WD
JD 870 4WD
JD 970 4WD
JD 1070 4WD
JD 2555 4WD
JD 3155 4WD (Demo)
JD 4255 4WD (Demo)

Hay & Forage Equip.
JD 1460 Rotary Mower Conditioner
JD 662 Rake
JD 348 Baler
JD 350 Sickle Mower

Planters & Drills Etc.
JD 450 Drill - 10 Ft. Plain Grain

Used Equip.

JD 4630 Tractor New 20.8x38 Radial Tires	$25,500
Ford TW10 tractor	$15,900
JD 4010 tractor	$4,500
JD 2500 Plow 5x18 spring reset	$2,500
AC 12' chisel plow	$1,650
NH 315 baler w/70 thrower	$4,900
NH 78 Baler w/Thrower	$1,650
JD 336 baler w/30 ejector	$3,900
JD RWA 14' disc	$1,800
JD 1209 mower conditioner	$1,800
NH 489 mower conditioner	$3,950
JD 1209 mower conditioner	$2,250
Tye 6' no-til drill	$4,500
JD 24T baler w/30 ejector	$1,800
Ford 535 w/loader/sickle mower	$7,500
JD 401C backhoe	$9,500

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COMBINES
NH TR-70 1979 Combine w/13' Grain Head And 6RN Corn Head
NH TR85 4WD w/Grain Head
Case 660 w/Grain & 2R Corn Head

HAY & FORAGE
NH 489 Haybine
NH 38 Crop Chopper
NH 469 Haybine
NH 30 Forage Blower
NH 315 Baler w/Thrower
NH 283 Baler w/Thrower
NH 278 Baler w/Thrower
NI 272 Cutditioner
NH 782 Harvester w/New Heads
NH 717 w/2 Row Cornheads
Gehl 5100 Round Baler

USED TRACTORS
Ford 8600 w/Cab, Dual Power
Ford 6600 Diesel Dual Power Royal Cab, Weights Front & Rear 2 Remotes
Ford NAA
Ford 5000 Gas
Cub Lo-Boy w/Woods Mower
1910 4WD w/Ldr.

MISCELLANEOUS
Woods Mower 72" Belly Mtd. For 1910 Ford
NH Grinder Mixer 358, New Tank And Augers
1150 Grinder Mixer

TILLAGE
Ford Demo Soil Saver 9 Teeth
New Wilrich 10 Tooth Chisel, 3 Pt.
Ford 152 6 Bot., Auto Reset
Ford 101 2 Bot. And 3 Bot. Trip Plow
JD 5X Plow

USED INDUSTRIAL TRACTORS
Ford 455 TLB w/Extenda Hoe 2 Lever 74 Hrs.
Ford 555B 2 WD 14 Ft. Hoe Cab 2 Lever 199 Hrs. 16.9-28
NH L775 Skid Loader, Gas
Ford 4500 TL
Cletrac D-2 Dozer
Ford 555 4 Post ROPS

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NH 782 Harvester, 1000 RPM, Elec. Controls, Excellent
NH 519 Spreader
NH S676 Spreader
Ford 525 Baler
Badger Forage Box
NH 310 Baler
NH 316 Baler
Butler 2800 Gal. Liquid Manure Tank w/Injectors
IH 425 Baler w/ Thrower
NH 30 Forage Blower
NH 30' Elevator

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920 Cat Loader
With Hold Down Clamps With Waste Bucket, Runs Well and Looks Good
$16,500
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LAWN and GARDEN CARTS

Big #26 Cart, capacity, 400 lbs, 14 bushels 26x2 125 pneumatic wheels, pressure treated plywood unassembled	$110.00
Also Available w/a Removable Front	$115.00
#20 Cart cap 8 bu 300 lbs, 20x2 125 pneumatic wheels	$82.00
26x2 125 pneumatic wheels w/¾" bearng	$43.00
20x2 125 pneumatic wheels w/¾" bearngs	$39.00
#26 cart kit (plywood not included)	$75.00
#26 cart kit w/removable front	$80.00
20 cart kit (plywood not included)	$65.00

ADD 10% FOR POSTAGE AND 6% SALES TAS FOR PA. NON FARM USE
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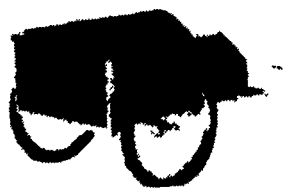

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Field Ready Farm Equipment At WHOLESALE PRICES!

Massey Ferguson 750 Combine Turbo, Hydro, Gray Cab Full Monitor w/Digital Dash, Crop Choppers, Excellent Tires, Absolutely Ready To Go, **$9,500.**

M.F. 1859 18' Flex Grain Head Cutterbar And Guards Used Only 300 Acres. Drum Auger Is Good w/Good Fingers Aluminum Reel, **$2,300.**

New 8-Ton Head Hauler For MF Grain Head, **$575.**

Case-IH 1896 4x4 100 HP Tractor CAH 1,900 Hrs., Radial Tires 85% Purchased New in Dec. 1988, **$25,000.**

Case-IH 5100 Grain Drill 20x6 w/Legume Box, Like New Condition **$6,500.**

Krause Model 1900 25' Disk Harrow w/Single Row Scratch Bar, **$7,250.**

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JD 2940 MFWD
Farmall 706, WFE, 3 Pt. Hitch, 2100 Orig. Hrs., Very Sharp
IH 1066

COMBINES

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JD 8820 Heavy Duty Final Drive, Duals 4WD w/20' Grain Head, 220 Flex Head, Totally Reconditioned
JD 7720, 1980, Field Ready
JD 8820, 1980, w/2000 Hrs., 843 Corn Head And 220 Grain Platform, Real Sharp

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JD 18' Folding Disc Harrow
AC Center Fold, 25' Cut, Disc Harrows
(2) AC No-Til Planters
Marliss No-Til Drill Real Sharp
Set Of JD 7x16 Plows
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FORD TRACTORS

New 2910
New 5610
New 7710 w/Cab
Used 4000, 4 Cyl.
Used 871 Dsl.
Used 8N
Used 9N

NEW HOLLAND

New 489 Haybine
New 488 Haybine
New 472 Haybine
New 308 Manure Spreader
New 716 Forage Box
Used 479 Haybine
Used 272 Baler w/SS
Used 273 Baler w/SS
Used 273 Baler w/ Thrower
Used 315 Baler w/ Thrower

OTHER TRACTORS

New Bolens H152 Dsl
New Bolens H174 Dsl
Used Case 611 B Tractor

OTHER EQUIPMENT

New Kuhn FC300 Disk Mower Conditioner
New Ford 133 High Clearance Chisel Plow
New Ford 101 Moldboard Plow 3B x 14"
New Ford 140 3B x 16" Mtd Moldboard Plow
New Ford 150 Mtd. Moldboard Plow 3 B-16"
New Ford 151, 4B x 16" Auto Reset Plow
New Ford 151, 4B x 18" Auto Reset Plow
New Ford 208, 12' Field Cultivator
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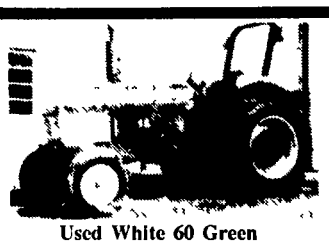

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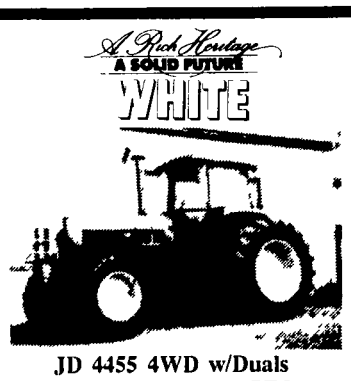

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New WFE 6342 3 btm roll-over plow
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New Kawance 1175 disc, 18'
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Used III 710 7x16" plow w/on land hitch
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Oliver 6342 3-bottom roll over plow, nice
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JD 4430 w/cab
Case 1370 w/Cab
JD 2510G, rebuilt engine
Oliver 1850D
WFE 2-105

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New Bale Wagons
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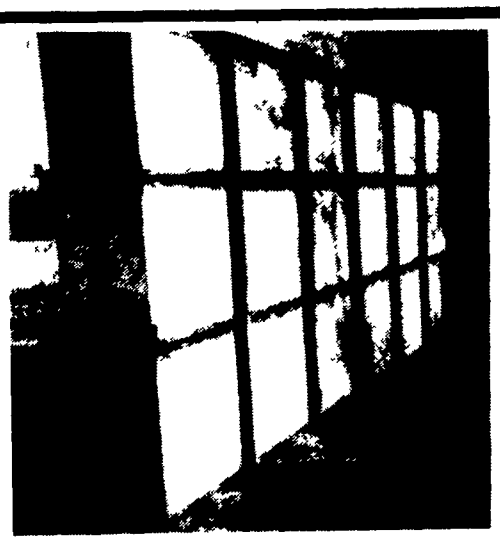

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JD 4430, cab & air, quad range
JD 4230, cab & air, quad range
JD 4630, 4 post, QR
JD 2840, high & low, dual hydraulics
JD 2520, diesel
JD 2440, excellent condition
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Deutz 130-06 w/cab, 4WD
Deutz DX140, cab & air, 4WD
AC 7000 w/cab & air
AC 200
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IH 1066, cab & air.....$9,000
IH 560 gas
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MF 1105, cab & air, 2,500 hrs., 1 owner
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NI 325 2 row narrow corn picker
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JD 60
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Mitsubishi 160, 16 H.P. w/Loader
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FORD: 7600 Hi Clearance, 3000 Diesel w/Ft End Ldr , 4000 w/Ft. End Ldr., 545 w/Cab, 545A w/Cab, 5000, 3000, 8N's, 7000, Jubilee w/Front Loader, 861
IHC: Farmall 1206 Turbo w/Cab, 886, Super A Hi Clearance, 140 Hi Clearance, M, 200 w/Wide Ft End, 100 Hi Clearance, 100 Cub, Super H; 574 w/Front Loader.
JD: 4440 4WD w/Cab & Dual Rears.
KUBOTA: M4950 4WD w/Ldr., M5500 4WD w/Ft End Ldr., 6100 4WD
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FORD: 3 Btm 3 Pth
IHC: Like New 720 4 Btm , 710 6 Btm w/On-Land Hitch, 720 6 Btm w/On Land Hitch, 700 4 Btm , 710 3-5-6 Btm
JD: 3600 Trailer Plow, 2600 6 Btm , 2500 7 Btm w/On-Land Hitch 2500 7 Btm 4 5 Btm w/Tandem Hitch, 2600 4 Bottom
KUBOTA: 3 Bottom
WHITE: 588 5 Btm
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BUSH HOG: 9 Ft Offset Plow Disc
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JD: KBA 10 Ft Disc, 310 14 Ft Plow Disc
KEWANEE: 610 Tandem 16 Ft Wing Disc w/Folding Gang
MASSEY: 12 Ft Tandem Disc
TAYLORWAY: 13 Ft Rock Flex Disc
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NH 355 Mixer Mill
$4,350
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JD: 346 Sq. Baler w/Thrower.
DEUTZ: HD 490 Sq. Baler w/Thrower.
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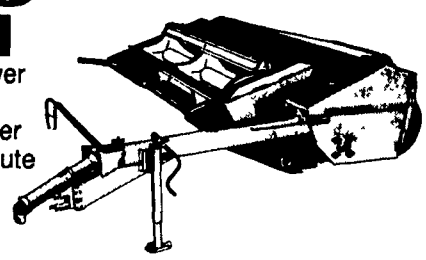
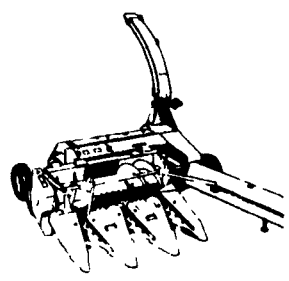
USED EQUIPMENT

HAY & FORAGE



NH Super 68 Baler w/Thrower
NH 275 Baler w/Thrower
NH 276 Baler w/Bale Thrower
NH 326 Baler w/¼ Turn Chute
NH 411 Discbine
NH 489 Haybine
NH 890 Forage Harvester
NH 770 Forage Harvester
JD 1219 Haybine

FORAGE HEADS



NH 770W Hay Pickup Head
NH 770 R-2 2 Row Corn Head (Wide)
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NH 880 N-2 2 Row Corn Head (Narrow)
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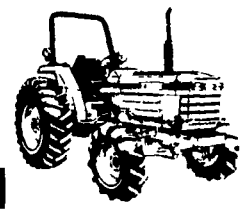
FORAGE BLOWERS

NH 27 Forage Blower
NH 28 Forage Blower



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USED EQUIPMENT

- AC 170 Tractor
- Case 580B Tractor Loader Backhoe
- IH Hydro 84 Tractor
- MF 2705 Tractor - Cream Puff
- MF 50 Tractor
- MF 245 Tractor w/Woods Mower
- Oliver 77 Tractor
- AC Tractor, Loader, Backhoe
- MF 11 Loader
- MF 410 Combine
- MF 510 Combine
- NH 474 Haybine
- NH 411 Discbine
- NH 463 Disc Mower
- NH 462 Disc Mower
- NH 442 Disc Mower
- NH 1900 4 Wheel Drive Forage Harvester
- NH 845 Round Baler
- NH 488 Haybine
- Kuhn Disc Mower
- IH 550 Spreader
- JD 350 4 Bottom Hyd. Reset Plow
- Sweepstar Broom for Skid Loader
- Howard Roto-vator
- MF 1017 Backhoe, 3 Pt.
- Ford F-350 Pickup, 4x4, w/ snowplow, 10,000 Miles

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USED FARM & LAWN EQUIPMENT

Kubota F2000 front mower w/72" mower
JD F930 w/72" mower
JD 240
JD 318 w/50" mower
JD RX75 rider
JD 550 50" tiller, like new

NEW SPECIALS CALL FOR PRICE

- JD 8 Backhoe F/850, 950, 1050 Tractors
- JD 10 Backhoe F/JD 1250, 1450, & 1650 Tractors
- JD 46 Snow-Thrower F/JD 655, 755, 855 Tractors
- JD 47 2 Stage Snow Blower F/JD 855, 955
- JD 45 6' & 7' Rear Blades
- JD 65 8' Rear Blade
- JD 770 4WD Tractor
- JD 855, 4WD Tractor
- JD 950, 4WD Tractor

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John Deere Consumer Products Equip.
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HARVEST SALE

— NEW —

JD 655 MFWD Tractor
JD 670 2WD MFWD Tractors
JD 770 MFWD Tractors
JD 750 MFWD Tractor
JD 2155 2WD Tractors
JD 2955 MFWD SG Tractor
JD 3155 MFWD SG Tractor
JD 3PTH Rotary Cutters
JD 710 8'9" Mulch Tiller
JD 610 8' Chisel Plow
JD 970 12' Roller Harrow
JD 350 Manure Spreaders
JD 1460 Disk Mower/Conditioner
JD 1600 Mower Conditioner
JD 348 Twine & Wire Balers
JD AMT 600 Utility Vehicle
Badger 950 16' Forage Wagon
Ritchie Waterers

— USED —

Ford 8N Tractor
Ford 9N Tractor
Ford 2000 Low Profile Gas Tractor
Ford 2600 Gas Tractor
IH Cubs
JD 1050 MFWD Tractor w/Loader
Kubota B7100 Hydro Tractor
JD 3300 Gas and Diesel Combines
JD 346 Wire Baler
JD 4200 4B Roll-Over Plow
JD 724 Mulch Finisher
IH 800 4RW Cyclo Planter
IH 510 10' Soybean Special Drill
25 KW Generator w/Detroit Diesel

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All Sizes, Steel Hay Feeders
24' Feeder On Whls.
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St. Thomas, PA
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IH 400 Cyclo Planter, Exc.
NI Hay Rake
NI 213 Spreader
Brillion 16' Harrow
'68 Dodge w/14' Grain Body
'68 IH 1600 Flatbed
717/862-3743

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Large Selection Save 50%
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4006 Deutz, dsl., good rubber
MF 135 die[SOLD]w engine block, good rubber
MF 175 diesel, 8 speed, good rubber, engine overhauled
MF 165 diesel, good shape w/38" rubber, WF
Oliver 1850, diesel, w/good rubber
62 HP Perkins diesel w/torque converter
MF 235 loader
12' Brillion cultipacker
HD 3 pin scraper blade

MF Tractor Parts Dismantling: 20, 30, 35, 40, 50, 65, 85, 90, 150, 165, 175, 178, 180, 1080, 1130, 1135, 1150 w/cab

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All Combines Sold— Free Parts For One Season If In Our Parts Lot.

Dismantling For Parts:

Combines, Cultivators, Discs, Drill, Harvesters, Haybines, Mowers, Pickers, Planters, Plows, Spreader, Tractors

IH 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74 JD 7720, 7700, 6620, 6600, 4400, 3300, 105, 95, 55, 45, 40 MF 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26 AC Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66 Oliver 7600, 545, 535, 525, 430, 40, 35, 33 NI Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters Case 1160, 960, 700, 660, 600 NH 1400, 975, 985, TR70 MM 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers, JD 7720, Motors, transmissions, tires, corn & grain heads, grain savers

Financing or Lease Available

COMBINES
55 To Choose From

JD 7700 diesel gear w/heads
JD 6620 hydro, diesel, level land
1979 JD [SOLD]sel w/ heads
JD 4400 diesel w/heads
1979 JD 4400 diesel, choice of heads
(3) JD 6600 diesel rotary screen w/grain head choice, $7,000 ea
JD 4400 diesel w/grain head, $6,950
JD 6600, diesel, hydro w/ heads
JD 3300 diesel w/grain, choice of 3R 30" or 2R 38" corn
JD 3300 gas w/heads, needs motor work
JD 55 sq back w/grain head & 30" 3R corn
AC FKS dsl. w/heads $7000
AC C2 diesel w/grain 4R 38" & 4R 30"
AC late C2 w/grain & 4R corn, $3,950
(2) AC F-2 diesel w/heads
AC F diesel hydro, real nice
AC F diesel, new motor w/ heads
AC G w/grain & 6R 30" & 4R 38" head, real nice
Gleaner E 10' grain
MF 510 w/4R 30" & grain
(2) MF 510 diesel w/head
MF 410 diesel quick tach w/ heads
Massey 60 w/10' grain
(4) MF 4[SOLD]w/heads
MF 750 hydro, turbo diesel w/grain, choice of 6R 30" or 4R 38"
MF 510 diesel, hydro w/ heads
MF 410 dsl., hydro w/heads
MF 300 diesel, quick tach w/ heads
MF 35 S/P w/8' grain head
IH 91 8' grain
IH 93 w/10' head, nice
IH 93 w/10' grain & 2R corn, $2500
IH 715, gas, w/heads
IH 715 hydro diesel w/heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
IH 915 low profile diesel hydro, real nice
IH 141 w/12' grain, 2 row corn, 1 owner, nice
IH 1460 axle flow w/6R 30" corn & 820 flex head, real nice
IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 715 hydro diesel w/grain & corn
IH 715 hydro diesel w/late heads
Late IH 715 w/German diesel & heads
NH TR70 Ford diesel, choice of heads
NH TR70 Cat. diesel, 4 row 30", 13' grain

TRACTORS

Cat 933 F series crawler loader
MM 335 WF w/loader and 3PT
MM 5 Star, 3PT, PS
Massey 33 w/loader
Kubota B6000 E, lawn type, diesel, w/3PTH
Case SC w/loader, nice
1952 Ford 8N new tires
Ford 8N, good tractor
1952 Ford 8N hour meter, real solid tractor
IH 1456 diesel, WF
IH 856 dsl. WF
IH 826 diesel gear, WF, $5800
IH 4366 new motor, 3PT, 4WD, duals front & back
IH 340 low utility WF, PS
IH 450 w/power steering
JD 2010 gas 3PT
JD 1520 gas
(3) JD A late models
Farmall Super H, good paint
IH 3444 ind diesel w/loader & 3PT, $5,500
AC 210 diesel jumps out of high gear, $6500
AC WD, gas
AC HD5 crawler/loader
AC C w/side mtd. mower
AC D17 diesel, WF & loader
AC HD5 diesel crawler loader
Farmall 560 diesel, WF w/ turbo, nice
Farmall 460 gas, WF, nice
Farmall 656 gas, NF, nice
Farmall 450 gas, power steering
Farmall Super MTA
Farmall 230 w/fast hitch
1939 Farmall H, $1175
Farmall Super MTA
Farmall H
(3) Farmall F14, 2 w/ mounted plow
Oliver 770 gas, WF
Oliver Super 88 WF
Oliver 88 gas
Oliver Super 66 WF
Oliver 66 gas, nice
Oliver 1655 diesel, WF, $4,500
Oliver 60 & 66, nice
Oliver OC3 crawler w/PTO & pulley
Oliver crawler w/roll guard
IH 3444 industrial w/3PT & loa[SOLD]
IH 806 diesel, WF
IH 504, power steering, 3PT
IH 400 Dsl. w/power steering
C Allis w/belly mower
Ferguson 30, 3PT, $1,950
Steiger Wild Cat w/210 HP, Cat 4WD 3PT duals front & back
Super C w/fast hitch

LOADERS

AC fits D19
AC fits D17
(3) Fords w/hyd. bucket
Snow blades for loader or front mounted
IH HD fits IH 350 utility
IH fits Super M
JD 46 loader
JD 45 w/mts.
Late Oliver White w/wide bucket
NI w/wide bucket
Sauder fits Ford 800 8N & 9N

SPREADERS

NI late 243, nice
NI 214 w/gate
NI ground drive, nice

MOWERS/ ROTARY MOWERS

AC trailer type belt drive
(2) JD 6' pull type
Ford 6' pull type
20 New 6' 3PT IHMC
3 pt. 6, 7 & 8'
Also pull types.
Rotary mower
Brillion 6' pull type
Ford 7' 3PT
IH 3PT belt drive

PLOWS

IH 700 5x16, auto reset, $2500
IH 700 5x16, auto reset, $2450
IH 3PT 3x16, $525
JD 3PT 3x14, $325
JD 3PT 3x16, $625
JD 5x16 semi, $1350
JD 3 bottom 16" 3PT, $450
IH 4x14 semi, new bottoms, new paint, $750
JD 5x16 semi, $585
IH 700 5x16 semi, $1350
IH 650 6x16 semi, $1200
IH 550 5 bott[SOLD]16" good sh
JD F-145 5x16 semi, $800
AC late moto frame 6 bottom 16", nice
JD 4x14 semi, $675
IH 5x16 semi 550, $675
Oliver 6x16 on land, $1450
JD 4x14 3PT, $425
Oliver 3x16 pin trip, $375
Massey 10 tooth chisel plow, $2500
White 8 tooth chisel plow, $1950
Brillion 10' wheel harrow, $575
JD 12' roller harrow, $1375
IH 12' roller harrow, used very little, $3500
IH 315 12' roller harrow
Case 5 bottom 18" w/on land hitch, clean

HAYBINES & RAKES

BALERS

NH 847 round baler, 4' bale
NH 850 round baler, $2450
NH 852 round baler auto wrap
NH 276 w/thrower, $3500
JD 410 round baler 4' bales, nice
JD 336 w/no thrower
JD 24T w/thrower
IH 2400 round baler, real nice, $3500
Hesston 5600 round baler, $3975

MISC.

(3) IH semi & trailer belt drive
IH fast hitch mower
JD 4R tool bar cultivator, $375
JD 350 3PT mower
NH 456 pull type mower w/ crimper hitch
Case 3PT
IH & JD mowers

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blaces
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert. Spreaders
Cement Mixers

GRINDER/MIXER

(2) Gehl grinder/mixer

DISC HARROWS

JD TWA plowing disc, $2850
JD RWA 12' wheel type, $750
JD 8' wheel type, $650
Case 8' wheel type, $575
IH 12' wheel type, $750
JD 8' wheel type, $600
IH 500 HD 13', $3500
Athens 12' wheel disc, $1575

CORN PICKERS

NI 319 2R mounted w/12 roll bed Ford mts
NI 324 2R 38" 8 roll bed
NI 324 2R 8 roll bed
NI 324 2R 12 roll bed
NI 12 roll husking bed, $1150
NI 12 roll husking bed, $975
NI 10 1R, nice, $1450
NI 10, 1R
(2) NI 7, 1R
Farmall 460 w/IH 2R mtd picker
Ford 3PT blue, $500
Woods Brothers 1R pull type
Oliver 83 2R 30"

HARVESTERS & UNLOADING WAGONS

Gehl 6' flail chopper
NH 880 w/2R head, nice
NH 770 w/2R head
(2) NH 33 flail chopper
NH 36 flail chopper
JD 38 w/pickup
JD 35 w/2R head
JD 216 tandem wheel unloading wagon
(2) JD 16A 6' flail chopper
JD 38, 2R, & pickup, $1,500
Kaster, 3 beater w/roof, same as IH, next to new
IH 720 w/2R 38" or 30" corn head, nice
IH 720 w/2R head
IH 550 w/heads
(2) IH 550, 2R, & pickup, $500
IH 7 flail chopper
NI 768 WN 3R 30"-38" head
AC 780 2R chopper w/ pickup
Coby 3 beater unloading wagon w/roof
Badger 3 beater, roof unloading wagon

WIDE FRONT ENDS & DUAL WHEELS

EXTRA CORN HEADS & GRAIN HEADS

AC M or L 6R 30" black, 4R 30" & black 4R 38"
AC M or L 15' flex black
NH grain flex or rigid
MF 4R 30", 4R 38" & 3R 30"
MF grain 13'-16'
JD 3R 30" corn fits JD 45
JD grain fits 3300, 4400, 6600 & 7700, 10'-16'
IH grain 815, 915 & corn 815, 915, 4R 38", 6R 30"
Heads for beans & sunflowers JD 4R 30", JD 4R 38"

SAFEMARK DEALER

DISMANTLING TRACTORS FOR PARTS

IH TD5 Crawler, 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, 544 Hydro, 504, 404, 460, 450, 444, B 414, 400, 350, 340, 300, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12 JD M, 4020 dsl, 4010, 3020 dsl, 3010, 2020 Dsl, 2010, 720, 70, 60, 50, A, B. AC: 190XT, 180, D14, D15, D17, D19, WD, WC, CA, C, B. MF. 1155, 90, 85, 444, 333, 175, 65, 44, 33, 30, 20 Case 600, 530, 300, DC, SC, VAC Ford 6000, 5000, 4500, 4100, 4000D, 960, 861, 860, 800, 600, 641, 600, 8N, 9N. Ford major. Oliver: OC3 Crawler, 1800, 880, 770, 88, 77, 70, 66, 60 MM U, MM 5 Star, MM Jet Star 3, MM 335, MMG 1000, R, Z, E3 Coop, David Brown 990. New Field & 345 Leyland.

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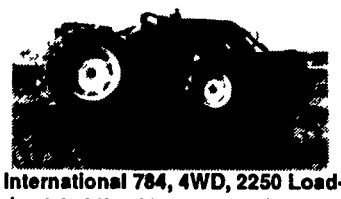
WOODS

John Deere 8450- 4x18" 3 Pt. Rollover.

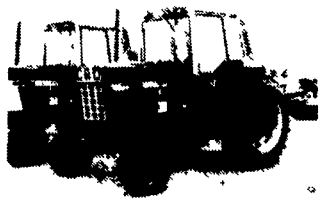


International 784, 4WD, 2250 Loader 16.9x34's- 90%, 12.4x24's- 90%, 2124 Hours.

New Idea 272 Cut-Ditioner, 7' Cut, Good Condition.

NEW! Long Nu-Way Swing Plow Available In 3, 4 & 5 Bottoms.

White 508- 4x18" Spring Reset Plows With Spring Coulters.



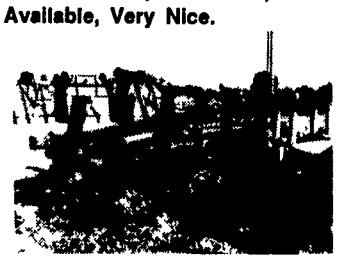
International 186 Hydro-Cab, Air New 18.4x38's, 2 Remotes, Loader Available, Very Nice.

John Deere 845- 3x16" Rollover

United Farm Tools- 14' Stalk Chopper.

John Deere 3 Pt. 3x16" Plow With Coulters And Coverboards.

John Deere 4520, 1969, Cab, Dual Remotes 18.4x38's- 50%.

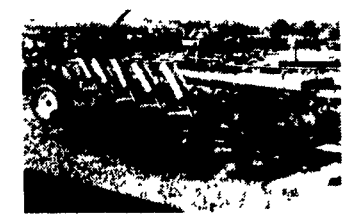


Massey Ferguson 880- 6x18" Spring Reset With Coulters.

John Deere 1710- 10' Mulch Tiller New Discs And Chisel Spikes.

International 826- 1970, Year-A-Round Cab, 18.4x34 Dyna Torques- 90%, FH, 2 Remotes, Very Clean.

Richardton 1200 Hi-Lift Dump Wagon.



International 710- 5x16" Spring Reset Plows With Spring Coulters.

FARM TRACTORS

JOHN DEERE

1979- 4440 Cab, Air, Quad Range
1974- 4430 Cab, Quad Range
1974- 4430 Quad Range
1985- 850- 4WD w/#75 Loader
1969- 4520 Cab, 1000 PTO
2010- Gas-WF

INTERNATIONAL

1980- 186 Hydro Cab, Air- Ldr. Avail.
784 4WD w/Loader
1976- 986, Cab, Air
1978- 84 Hydro, Loader Available
1256 With Duals
1980- 686 15.5x38's.....$6900
574 Diesel.....$5900
140 With 5' Woods Belly Mower, Good Condition.....$4900
140 HI Clear With Side Dressers, Good Condition.....$4900
140 Fast Hitch, Very Nice Condition, 1X Plow & Snowblade & Cult., Available.....$4900
1978- 184 Cub Lo-Boy With Loader And Woods L-59 Belly Mower.....$4250
(2) Super A.....$3900
Cub Yellow & White With 1000 Loader.....$3500
460 Diesel, WF.....$3250
2424 w/Sickle Mower.....$2900

LONG

New 2360, 4WD, 35 HP
New 2460, 4 WD w/Loader 42 HP
New 2510, 4WD, 48 HP
New 2610, 4WD, 64 HP
New 610 w/Loader, 64 HP
New 610, 4WD w/Loader, 64 HP
New 510, 4WD, 48 HP
New (2) 460, 4WD, 42 HP
New 360, 4WD w/Loader, 35 HP
New (2) 360, 2WD, 35 HP
New (4) 310, 4WD, 28 HP

OLIVER

1972- 1855, 18.4x38's.....$6900
1950- GM Diesel, 18.4x34's, Rear Wheel Weights.....$6500

OLIVER

1961- 1900 GM Diesel, 18.4x34's Rear Wheel Weights.....$4500

1963- 1800 Gas, NF, 18.4x34's, Front Weights.....$3900

ALLIS CHALMERS

1970- 220 Cab, Front Weights
1971- 185, 18.4x28's, 2 Remotes, Front & Rear Weights.....$7900
1964- 190XT, 18.4x34's, 2 Remotes.....$4900

FORD

1988- 5900 16.9x30's, 2 Remotes, Under 100 Hrs., Like New
1985- 3910- 4WD, Low Hours
1973- 7000 Diesel, New Tires
1967- 5000 Diesel
3000 4WD, 13.6x28's, 7.5x20's, 3 Pt., PTO.....$6900
2000, 4 Cyl., Gas, 12.4x28's, 3 Pt., PTO, 1400 Hrs., Very Clean....$4900

MASSEY FERGUSON

178 Diesel, 13.6x36's, 948 Hrs.....$7900
1965- 165 Gas, 16.9x28's, Multipower, 2 Remotes.....$5500

CASE

1967- 1030-Cab.....$6900
1968- 1030 Cab, 18.4x34's, Rear Wheel Weights.....$5900

SKID STEER LOADERS

1983- Case 1835B, Gas.....$8900
1978- Case 1845 Gas, New Tires.....$7900

OTHER NAME BRANDS

Jacobsen F-10, 7 Gang Mower

TILLAGE

JD 1450- 6x18" Trip
JD 2500- 5x16" Spring Reset
JD 8450- 4x18" Rollover 3 Pt. Plow
IH 550- 5X- 14" Cushion Trip
IH 710- 5X- 16" Spring Reset
IH 720- 6X Spring Reset On Land Hitch- Coming In
JD 1450- 4X- 16" Cushion Trip
White 346 4x16 3 Pt. Plow
White 508 4x18" Spring Reset
Oliver 508 3x16 Spring Reset
MF 880 6X- 18" Spring Reset
IH 540- 4X Cushion Trip
JD 3X Rollover Plow
Ford 3X Rollover Plow
(3) JD 3X 3 Pt. Plows
JD 4x14- 3 Pt. Plow
Ford 3X Plow
Oliver 2X Rollover
MF- 3X 14- 3 Pt. Plow
IH 2X And 3X Trailer Plows
JD 3X Trailer Plow
2X And 1X Plows
Glenco 14 Shank- 3 Pt. Chisel Plow
JD 12 Shank Pull Chisel Plow
IH 12 Shank- Pull Chisel Plow
IH 10 Shank Pull Chisel Plow
Taylorway 10' Chisel Plow w/Coulters Nice
JD 1710- 10' Mulch Tiller
MF 9 Shank Chisel Plow 3 Pt.
Pico 9 Shank, 3 Pt. Chisel Plow
Paulk- 7 Shank Chisel Plow
Taylorway 7 Shank 3 Pt.- Chisel Plow
Brillion 7 Shank 3 Pt. Chisel Plow
Buster Bars 7',12' & 20'
Krause 21' Wing Disc
Krause- 11' Disc
IH 370- 12' Finishing Disc
JD 13' Disc
JD 310- 14' Disc
Bush Hog 10' Offset Disc- Coming In
JD 8' Offset Disc
AC 8' Wheel Discs
IH 37- 13' Wheel Disc
IH 5'- 1 Pt. Disc
JD C11- 12' or 15'- 3 Pt. Field Cult.
Glenco 10' Or 13'- 3 Pt. Field Cult.
JD RM6- 3 Pt. Cult.
JD RG-6- 3 Pt. Cult.
JD RM- 438 3 Pt. Cult.
Super A Cult.
JD- 14' Pull Type Rotary Hoe
King Kutter 50" Rototiller
JD 10'-12' Cultipacker
Bearcat- 12' Cultipacker- New
Brillion 14' Crowsfoot Cultipacker
Brillion 11'-13' Cultipacker
IH 12' Cultimulcher

HAY EQUIPMENT

JD 3960 Harvester w/2 RN Cornhead
(2) NH 846 Round Balers
Deutz-Allis- SM-70RC Discbine
(2) NI 279 Cutditioners
(2) Bale Wagons
JD 450 7' Pull Sickle Mower
IH Pull Type Sickle Mower
NH 707 Harvester w/Corn Head
Pequea Hay Tedder- New 710 PTO
NH 258 Hay Rake- Nice
JD Hay Rake
NI 272 Cutditioner
NH 467 Haybine
Gehl Forage Wagon 3 Beater w/Roof
NH 450- 3 Pt. Sickle Mower
NH 451- 3 Pt. Sickle Mower
JD 336 Baler w/Ejector

NEW EQUIPMENT

- King Kutter Scraper Blades 6' And 7' Heavy Duty 7' And 8'
- King Kutter Scraper Blades 6', 7' And 8'
- King Kutter Post Hole Diggers 6", 9" and 12" Augers
- King Kutter Discs 5½ ' And 6½ '- 3 Pt.
- King Kutter Grading Boxes 4', 5½ ', 6', 7' & 8'
- King Kutter Stone Rakes 4', 5', 6', 7' & 8'

Cornshellers- 3 Pt. And Pull Type
Hay Tedders- 9'- 3 Pt. Or Pull Type
Hay Wheel Rakes- 3 Pt.
Seeders- Broadcasters- 3 Pt.
Cultivator 1 Row- 3 Pt.
Potato Diggers 1 Row- 3 Pt.
Ag-Tech Preseeder
Shaver Post Driver HD-8
Cement Mixers-3 Pt.
10' Pasture Drag
Woodsman- 3 Pt. Saw

MISC. EQUIPMENT

Heads- NI 766- 6' Pickup
IH 810 13' w/Floating Cutterbar
NH 960 13' Platform
NH 960 15' Platform w/Floating Bar
JD 443 Corn Head
JD 343 Corn Head
JD 243 Corn Head
1X Flat Trailers
(2) Richardton Hi-Lift Dump Wagon
(5) Bin Wagon On Gear
Bearcat 6 Ton-8 Ton Gears On Rubber- New
65 Gal. 3 Pt. Sprayer- New
Kuker 400 Gal. Sprayer, Cent. Pump- 30' Boom
NH 305 Side-Delivery Manure Spreader- New
NI 10 Manure Spreader
NI 12A Manure Spreader
NI 16 Manure Spreader
NH 206 Manure Spreader
NI 212 Manure Spreader
NI 217 Manure Spreader
NI 218 Tandem Manure Spreader
(2) JD-N Manure Spreader
(3) Cub Manure Spreader
Brillion 8' Seeder
Rock Picker
(2) 3 Pt. Transplanters
JD 43 Cornsheller
JD 8300- 23x7" Grain Drill
IH 510-16x7" Grain Drill w/Grass & Fert.
Crust Buster- 3 Pt. Grain Drill 20x7" DD
JD Loader, 148
IH 2200 Loader
(5) Set Of Duals-Various Types- Including 20.8x38- New
(16) Manure Forks
Cabs- AC 7000
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Wood Chipper- Royer, 3 Pt., 8"
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ROTARY MOWERS

Woods RM48
Ford 909- 5' Pull Type
Bush Hog- 6'
Bush Hog 13' Batwing
- King Kutter Rotary Mowers- New 4', 5' And 6' 3 Pt. And Pull Type
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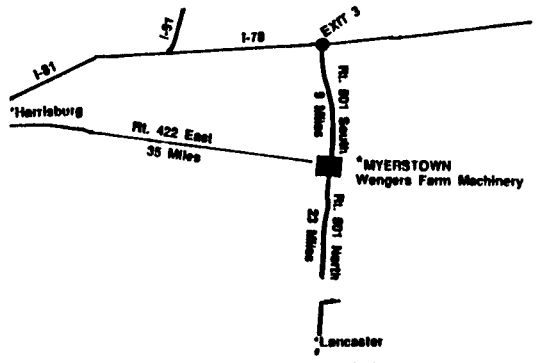

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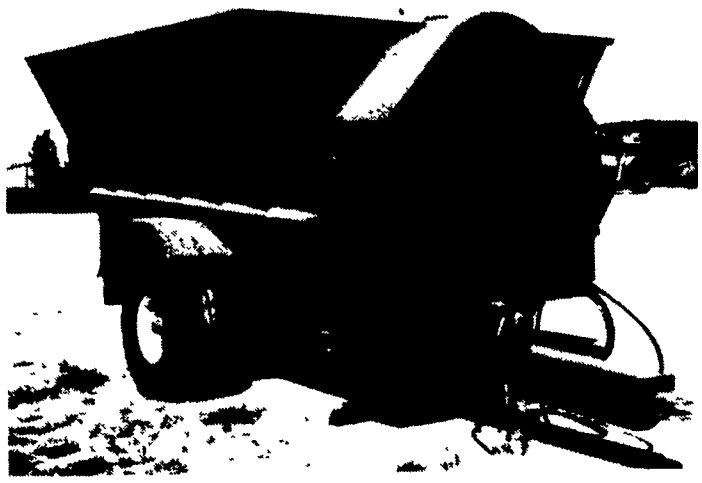

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USED TRACTORS

JD 4640, cab & air	JD 850 w/mower
JD 4630, cab & air	IH 3688 w/cab & air
JD 4440, cab & air, quad range	IH 5288, cab & air
JD 4440, cab, air, power shift	IH 3688, 4WD
JD 4240, PS, cab & air	IH 1486, cab & air
JD 4240, PS, 4 post	IH 1086 w/cab & air
JD 4230, 1976, cab & air, QR	IH 1066 w/cab
JD 4230 fender, quad range	IH 986, cab & air
JD 4430, cab & air, sharp	IH 966 w/cab, low hrs.
JD 4050, PS, 4 post	IH 584, 4WD w/loader
JD 4040, cab & air, quad range	IH 584, 4WD
JD 4030, cab & air	IH 656 gas
JD 4020 diesel	IH 684
JD 2510	IH 884 w/1,500 hrs.
JD 2840	IH 84 hydro
JD 2355, like new	Ford 9700, cab & air
JD 2240 w/cab	Ford 8600, cab & air, 2,200 hrs.
JD 2240 w/loader	Ford 3400 w/loader
JD 2040 w/loader	Ford 2000
JD 2030	Ford 3000
JD 3020 diesel	Ford 340 tractor loader, 500 hrs.
JD 3020 gas w/loader	MF 1040, 4WD w/loader & 3PT hitch backhoe, 300 hrs. SOLD
JD 950	

JD 4650, power shift, 1,100 hrs., w/duals

IH 2096, cab & air, 582 hrs.

INDUSTRIAL

MF 40B forklift	Ford CL55, used 1,000 hrs.
NH 779 skid steer	Woods 3 Pt. Hitch Backhoe
Gehl 4510 skid steer	

USED PLOWS

Int. 5 btm. 16" spring reset plow	IH 710 8 btm. 18" spring reset, on land hitch
White 6 btm. 16" spring reset plow	IH 710 7 btm. on land hitch
IH consertill 13'	IH 710 6 btm. on land hitch
IH consertill 10'	IH 720 5 btm. 18" toggle trip
JD 3 btm. roll over plow	JD 2500 5 btm. 18" spring reset
JD 4 btm. roll over plow	JD 2500 6 btm. spring reset
JD 7 btm. on land hitch	JD 2600, 4 btm., varied width

USED COMBINES

244 JD corn heads	JD 4400 diesel, 1,500 hrs., sharp
444 JD corn heads	JD 4400, gas
443 corn heads	JD 215 flex head

HAY EQUIPMENT

JD 1207 7' haybine	JD 336 baler
IH 7' haybine, like new	JD 346 wire baler w/thrower
NH 478 haybine	

MISCELLANEOUS

NI 2 row wide, 8 roll bed	Amco 13' rock-flex disc
NI 2 row wide, 12 roll bed	Kewanee 18' hyd. fold disc
JD 12' mulcher	Kewanee 21' hyd. fold disc
Gehl 120 grinder mixer	Kewanee hyd. fold 20' roller harrow, like new
JD 3RW harvester head, like new	'74 GMC 6000, cab & chassis, 5 spd.-2 spd., power steering
Fox 3 row narrow corn head	'84 GMC 7000, cab & chassis, 5 spd.-2 spd.
IH 5100 grain drill	
Kewanee mulcher, like new	

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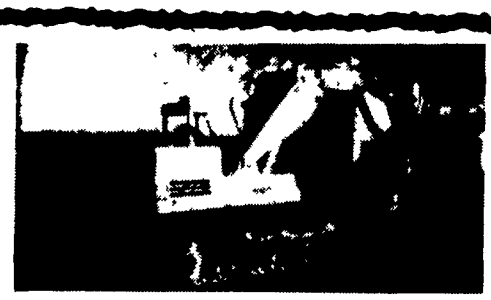

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- Demo

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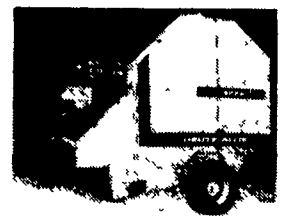

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- DA KS150 Rake (Demo)
- DA 2-30GP Round Baler
- Pequea 8x18 Hay Wagon

NEW TRACTORS
- DA 6260 4WD w/Loader
- DA 7085 2WD
- DA 5220 4WD w/Loader

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- NH 268 Baler w/Thrower

USED TRACTORS
- IH 1086 2WD
- Case 500
- AC 190 XT
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- NH 144 Windrow Inverter
- NH 254 Tedder Rake
- NH 790 Chopper

Ford Lawn & Garden
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- LP12 w/38" Deck
- YT18 w/48" Deck
- LGT18H w/48" Deck
- LGT14D w/48" Deck

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- Ford 7810, cab & air, 4WD
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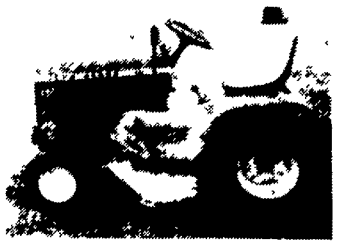

• 21625 **John Deere 110 L&G Tractor** 8 HP Varidrive, Overhauled, 39" Mower, Very Nice **$695.00**

• 21590 **International 2424 Ind. Tractor** w/Loader, 3 Pt Gas, PTO, Shuttle Shift **$3,950**

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- **Ford** 09GN3639 26" Rotary Tiller . $250
- 17071 **Kubota 6'** 3 Pt Finish Mower (Demo) Rental $1,654 **SALE $975**
- F-9672 **Ford 917A** 3 Pt HD Flail Mower, Retail $2,145 **SALE $995**
- M-3731 **Mott 900048** 3 Pt Flail Mower, 5', Retail $1,520 . . **SALE $985**
- 16410 **Haban Outfrt. Mower,** SOLD h, 1o Mount On B-8200 Or B-9200 Kubota, Retail $2,230 **SALE $975**
- 18652 **NEW Ber-Vac B-84S Snowblower** 84" 3 Pt Mount, 540 RPM PTO **SALE $2,490**

- 20151 **Sauder Blade** 7' Front Mount $395
- 21178 **3 Pt. 7' Rear Blade** With Angle Adj $195
- 21374 **Sauder Hydraulic Front Blade** $275
- 21538 **Arps AB257 Blade** HD, 3 Pt, 7' . . . $225
- 21594 **Homemade Front Blade** 75" MA, Loader Mount $125
- 20997 **Ford 09GN3598 Blade** 48" Frt Mount, Fits Ford/Gilson Garden Tractors, Good Condition $175
- 20991 **Ford Dozer Blade** 34" Frt Mt, Fits Ford/Jacobsen Lawn Tractors, Looks Good . $95
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- 21050 **Kubota B-310 Cultivator,** 3 Pt 1 Row, Used Very Little $85
- 20619 **Brinly CC-500 Cultivator** 1 Row, Sleeve Hitch $40
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- 21372 **Sauder "D" Model Loader** $295
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- 14199 **Kubota MR-6000 Mower** Will Fit B-6100, B-7100 Tractors, Hydro 5' $390
- 21174 **Kubota RC-60-72H Mower** . . . . Mechanic's Special $175
- 20195 **Bolens FMC D60-L Flail Mower** 5', 3 Pt 1000 RPM PTO $495
- 21483 **Kubota RC60-72H Mower** 60", Mid-Mount For B6200 HSD or B7200 HSD . . . $275
- 19011 **T-38 Mott Tow Type 38" Flail Mower** w/8 HP Engine $595
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- 20620 **Didier S-500 Sicklebar Mower** 46", Side Mount, Manual Lift, Fits Ford/Jacobsen Tractors, Good Condition $100
- 20870 **Homemade Row Maker** 3 Pt, Cat 0 . . $45
- 20990 **Ford Snowblower** 34", Frt. Mt, Fits Ford/Jacobsen Lawn Tractors, Looks Good $125
- 21300 **Kubota B-748-A Snowblower** Frt Mounted To Fit B-6100 & B-7100 $245
- 21171 **Kubota L-220 3 Pt. Snowblower** 48", 2 Stage, Painted . . $345
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- 21566 **Suzue 150 Tractor** 15 HP, SOLD WD, Cat 1 3 Pt Hitch, 540 RPM PTO Loader, Very Nice . . . $3,875
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- 21582 **Ford Marshall Forklift Tractor** 28' Lift Ht, Gas, Overhauled, Runs Good . . . $5,950
- 21570 **Ford 3500 Diesel Ind. Tractor,** Loader & Backhoe w/Extra Buckets, Torque Conv $6,875
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- 21410 **Kubota B-7200 HSD 4WD Tractor,** Hyst., 17 HP, Exc. Cond, Diesel, 3 Pt $6,785
- 21381 **Ford 120 L&G Tractor** 12 HP, 42" Mower $1,295
- 20708 **Ford 100 L&G Tractor** 10 HP, 42" Cut, Very Nice Condition $675
- 20988 **Gilson Lawn Tractor** 11 HP, 38" Mower, Gear Drive $465
- 21118 **Simplicity 7117 Tractor** 17 HP, Hyst Trans., Elec. Lift 48" Mower, Grass Catcher, Snow Blower, Cab, Nice Shape $2,750
- 20979 **John Deere 214 Garden Tractor** 12 HP Variable Drive 46" Mower, Nice Condition $1,990
- 21623 **International Farmall Cub Tractor** w/Finish Cut Mid-Mower, Runs Good $1,500
- 21620 **Kubota B-7200 HDS Tractor** 17HP, 3 Cyl. Diesel, Hydro, Cat 1, 3 Pt., PTO, 183 Hrs, w/RC60- 72H Mid-Mower, A-1 Condition $7,550
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- 21041 **Peco PEH-110 Vac Unit** 3 HP, Direct Mount w/Hitch & Chute For Kubota G Series . . . $335
- 20211 **Kubota G-3008 Vac Unit** Fits G Series Tractors w/48" Mower $335
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CASE IH 7110 "MAGNUM" TRACTOR - 130 HP, 2 WD, Cab, 18 Spd. Pwr. Shift, 14Lx16.1 Front Tires, 20.8x38 Radial Rear Tires, Triple Hydraulic Remotes, 78 Gal. Fuel Tank, Block Htr., Dixe. Option Pkg., Front Wt. Frame, Radio, 540/1000 PTO

CASE-IH 5130 "MAXXUM" TRACTOR 86 HP, 2 WD, Cab, Semi-Pwr Shift, 10.00x16 Front Tires, 18.4x38 Rear Tires, Dual Hydr. Remotes, Dixe Inst. Panel, Block Htr., Cold Weather Pkg., Dixe Option Pkg., 6 Front Wts., Radio.

CASE-IH 5130 "MAXXUM" TRACTOR - 86 HP, MFD, Foldable ROPS, 14.9x24 Front Tires, 18.4x38 Rear Tires, Bar Rear Axle, Dual Hydr. Remotes, Block Htr., Cold Weather Pkg., With

CASE-IH 510 "MAXXUM" LOADER -Self Leveling, Single Lever Control, Quick Attach, 84" H.D. Bucket

CASE-IH 5210 "MAXXUM" TRACTOR - 77 HP, 2 WD, Cab, Synchro Shift, 11Lx15 Front Tires, 16.9x38 Radial Rear Tires, Dual Hydr. Remotes, Dixe Instr. Panel, Tilt/Teles Wheel, Blk Htr., Cold Weather Pkg., Radio.

CASE-IH 685 ROW CROP TRACTOR - 62 HP, 2WD, ROPS, 2 Spd. Pwr. Shift, 9.5Lx15 Front Tires, 18.4x30 Rear Tires, Single Hydr. Remote, HI-Cap Hydr. Pump

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CASE-IH 8540 SQUARE BALER, In-Line-Design, 11Lx24 Tires, 8521 Bale Thrower, Wagon Hitch (C3743-CFS)

CASE-IH 8545 SQUARE BALER, In-Line-Design, Largest Std. Size Baler, 11Lx14 Tires, 8511 Hydr. Drive Thrower, Wagon Hitch, Hydr. Density Control, Hydr. Pick-Up Attachment. (K11041-KFS)

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Case 1835B Uniloader
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Ford 3400 Loader
Gehl 4610 Skid Loader

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White 5100 Air Planter, 6 Row Granular

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Gehl 120 Grinder Mixer
Gehl 5500 Round Baler
JD 10 Ft. Disk Harrow
Schuler Feeder Wagon

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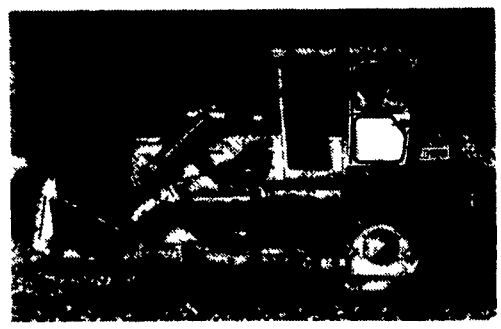

Cat D4D
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Hesston 8200 12' SP Windrower
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NI 3639 Tandem Spreader, 2 Yrs. Old
Fox Super E, Hydro, 3R Head, Harvester
JD 716 Tandem Forage Wagon
Goosen Stationary Bale Chopper
NH 271 Baler w/Thrower
Kuhn GMD 66 Disc Mower
Woods 10' Offset Rotary Mower
1820 18 Hp Grasshopper
1200 12 Hp Grasshopper
Yanmar 146 14 Hp, 48"
Jacobson 16 Hp w/Snowblower
Hesston 1150 12' Windrower
Kubota, B7100, 16 HP, 4WD

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TRACTORS

Farmall 806 diesel, WFE, 3 pt., cheap H.P.
AC 160 w/Perkins diesel, new motor, 45 HP

GRAIN DRILLS

MF 33 15x7 grain drill, grass & fertilizer, nice
JD FBB double disc 15x7, grass & fertilizer, nice
IH 510 16x7 disc, grass & fertilizer, nice
McCormick Deering 16x7 dbl. disc, grass & fertilizer, good
Ontario 12x8 dbl. disc, grass & fertilizer

BALERS

IH 445 baler w/15 thrower, nice
NH 320 baler w/58 thrower, nice
NH 270 w/thrower, nice
NH 269 w/thrower, good
NH 850 round baler w/auto wrap, $2800
NH 273 Super Sweep w/chute

MISCELLANEOUS

Gehl 95 & 115 grinder mixer for parts
IH 3200B skid steer loader
NH 259 hay rake w/twin dolly wheels
NH 519 manure spreader
14.9-28 dual wheels & tires off NI uni
Pittsburgh 12' tandem axle wheel disc (20" disc)
IH 55 pull type chisel plow
NI 224 tandem spreader, good
JD 34' corn & grain elevator w/11' drag line
Pittsburgh 8' wheel disc, nice
JD 3PT, 3 bottom plow w/gauge wheel
IH 540 4x16 semi-mount plow w/gauge wheel
Oliver 4x16 semi-mount plow
JD 10' cultipacker, nice
JD 14' 3PT spring tooth field cult.
IH 510 4x16 semi mount plow w/gauge wheel, nice
NH 36 crop chopper, $975
NH 24' elevator
Zimmerman 28' elevator
Oliver #5 corn picker

COLLECTOR TRACTORS:
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1938 CLET TRAC, #EHG62, CRAWLER TRACTOR
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3,000 Lb. A.C. 1980 Solid Tire, LPG, 3 Stage Mast excellent condition	$3,000
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4,000 Lb. Clark Electric Pallet, Jack w/charger, very good condition	$1,000
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The Brillion Soil Builder laces just the right amount of residue into your topsoil to dramatically reduce soil erosion It chisels and primary tills your ground, using 37% less fuel than a moldboard plow And you cover 50% more acres in a day's time.

Weighted coulter gangs up front cut up stalks so residue flows through the Soil Builder without plugging Strong shanks fitted with 4" helical shovels and miniature plow points rip down to 12" through plow-pans, ridging your field

You create a new soil that has good internal drainage, soaks up more water and breathes with life You save tillage time and fuel Most of all, you substantially reduce wind and water erosion.

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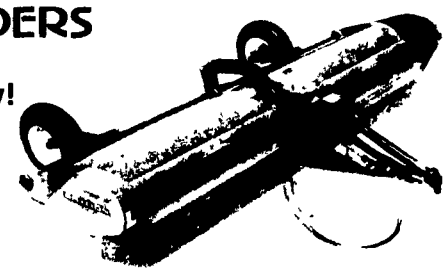

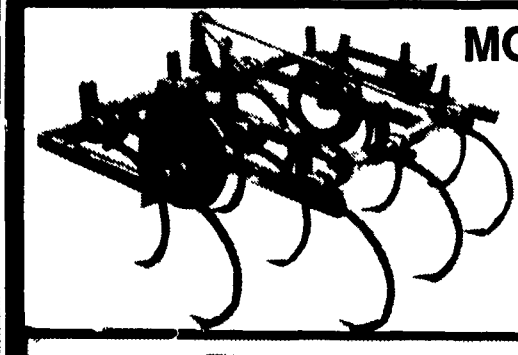

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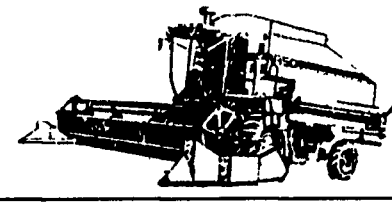

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AC 7040 D w/Cab, Air, Heat
AC 6080 D Low Hours
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AC 5050 D Excellent
AC 190XT D w/cab
AC 160 D, Excellent
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AC WD
Ford 4000 D
Ford 900
Ford 801
Ford 8N
Farmall M
MF 1150D w/Cab
MF 35
JD 3010 D
JD 60
Case 1845 Skid Loader w/Kelly 30 Backhoe
Bobcat 743 Skid Steer Loader
NH 454 Skid Steer Loader (Only 207 Hrs.)
NH 225 Skid Steer Loader, Good
IH 1066 D
JD 4230 D, Excellent

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AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
AC Gleaner F2 D, w/13' Grain and 430 Corn Head
AC Gleaner E w/Cab, 10' Grain And 238 Corn Heads
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MF 750D w/Cab, Air/Heat & 630 Corn Head, 2100 Hrs EXCELLENT!
NH 975 Gas w/Cab & Both Heads
NI Uni-System 701 w/710 Power Unit, 10' Grain & 2-Row Wide Corn Heads
NI 2R Full Type Husker w/325 Husking Bed & 329 Sheller, Excellent!
NI 323 1-Row Picker, Excellent!
NI 324 2-Row Picker

MISC.

(2) Weaverline 330 Silage Cart
NH 350 Grinder/Mixer
NH 352 Grinder/Mixer, Excel!
NH 357 Grinder/Mixer, Excel!
Gehl Grinder/Mixer
Moridge 400 Grain Dryer, PTO, Elect

TILLAGE

AC 2000 6-Bottom Plow, On Land
IH Auto Reset 6 Bottom
Oliver 546 5B Automatic Reset Plow
JD 5B Spring Trip Plow
JD 4B Semi-Mount Plow
(2) MF 4B 3 Pt Plow
JD 1000 12' Disc w/Trans Harrow
JD 17 Disc Grain Drill
AC 600 Air Champ Planter 6-30" Rows
(2) AC 600 Air Champ Planters, 4-30" & 4-38" Rows
JD FBB15 Double Disk Grain Drill

MANURE SPREADERS

NH 675 w/Endgate, 300 BU.
NH 518, 220 BU.
NI 214, Liq. Pan, 210 BU., A-1!
(3) NI 213, 177 BU.
IH 550 w/Endgate, 200 BU.

HAY TOOLS

Hesston 6600 Self-Propelled Haybine
JD 1209 Haybine
(2) NH 489 Haybine
NI 279 Cutditioner
(2) HESSTON 1014 Hay Conditioner
Case IH 8440 Round Baler, Like New
JD 346 Wire Baler
Case IH 8440 Round Baler, Like New
IH 2400 Round Baler
NH 276 Baler w/Kicker
JD 336 Baler w/Kicker
NH 310 Baler w/Kicker
NH 273 Baler w/Kicker
NH 275 Baler w/Kicker
NH 320 Baler w/Wire Tie
(2) Grimm Ground Driven Tedder
Vicon 165, 5½ ' Disk Mower, EXCEL!

FORAGE HARVESTERS

NH 1880 Hydrostatic Drive w/P U And 2 Row Corn Head
NI 767 Self-Propelled w/702 Power Unit And 238 Corn Head
NH 28 Forage Blower
Gehl 660 Forage Blower
AC 63 Forage Blower
NH 717 Harvester w/Pickup And Cornheads
JD 35 Harvester w/Pickup And Cornheads
770 1 Row Snapper Head For NH Choppers

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FORD NEW HOLLAND

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Ford 1710, 4WD w/770B Loader

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NH No. 23 Blower
NH 30 Blower
NH 718 2-Row Forage Harvester
Gehl 72 6-Ft. Flail Chopper

SKID LOADERS
Case 1816 w/Dirt Bucket

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Oliver 550
Oliver 77
Oliver 1650
Oliver 1955
Oliver 1750

GRINDER MIXERS
NH 357

SPREADERS
IH 540 w/Hyd. Endgate

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IH 455 4 row Planter
IH 400 4 Row Planter
Oliver Drag Type Harrow
Oliver 242 Disk

HAY TOOLS
NH 275 Baler w/Thrower
NH 411 Discbine (L)
IH 440 Baler w/No. 10 Thrower
JD 10 Side Mtd. Mower
Ford 5 Ft. Rotary Mower

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Ford LT11 Lawn Tractor
Simplicity 4212 Lawn Tractor w/Mower
Cub Cadet 128 w/38" Mower
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- Case 1825 Diesel Uniloader- Extra Special Price!
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- Case 685, 4WD, Shuttle Shift (Demo)
- Case 530 Spreader
- Case IH 415 Packer Mulcher, 10 Ft. 1" Demo.
- Case IH 8360 12 Ft. Hydroswing
- Case IH 8320 7 Ft. Mower Conditioner
- Case IH 8530 Twine Baler w/Thrower
- Case IH 8540 Twine Baler w/Thrower

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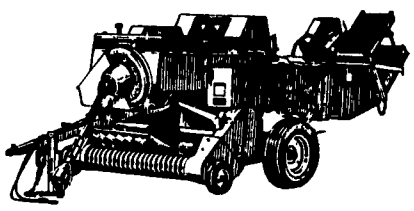

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Case IH 1660

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- Case IH 8420 Round Baler
- Case IH 8430 Round Baler
- Case IH 8830 12 Ft. Self Propelled Mower Conditioner

Case IH 395, 4WD, Shuttle Shift- New Model
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Case IH 485 SOLD, Shuttle Shift
Case IH 485, 2WD, Shuttle Shift, Heavy Duty Front A... SOLD
Case IH 1825 Diesel Uni-Loader
Case IH 1845C Uni-Loader - New 60 Hp. Model In Stock

NEW! CASE 1840 UNI-LOADER IN STOCK!

Case IH 145 Rollover Plow, Auto. Reset- In Stock
Case IH 475 Disk Harrow, 11'6 Cushion Gang, 7½ " Spacing
Case IH 496 24' 10 Disk Harrow
Case IH 496 19'1 Disk Harrow
Case IH 496 18'7 Disk Harrow
Case IH No. 10 Sub-Soiler, Manual Reset
Case IH 415 Packer Mulcher, 12'2
Case IH 183 6-Row Cultivator

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7110 2WD - Demo
7110 4WD - Demo
7120 - 4WD
7140 - 4WD, Duals

Case IH 540 Spreader
Case IH 560 Spreader
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Case IH 1043 Cornhead, 4 Row
Case IH 1020 Platform, 15 & 16½

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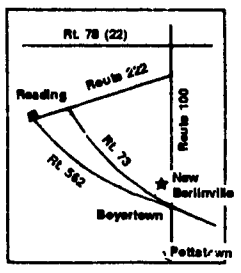

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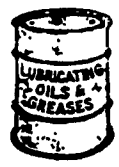

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1984 JD 4850 MFWD duals & weights
JD 4250, MFWD, power shift, cab & air, 3 outlets, very nice
JD 2950, cab w/air, 1800 hrs.
JD 4640 cab, air, quad, rebuilt engine w/ duals, very nice
1981 JD 4[SOLD]b, air, quad
1980 4440 cab, air, quad
1982 JD 4240, power shift, cab, air, 2500 hrs., very nice
1982 JD 4240 power shift, cab & air, very nice
1982 4240 quad, cab, air, sharp, 2350 hrs.
JD 4040 quad, cab, air, very nice
JD 4430 factory cab & air, quad range
JD 4230 quad, cab & air
JD 4030 gas, WF, fender tractor
JD 2630 w/hi-lo, very nice
JD 2630 w/reverser, cab, recent overhaul
JD 4320 w/fac. cab
JD 4320, cab and air
JD 3020 gas
JD 2020. gas utility

JD 450C w/6 way blade

Case IH 1989 model 7110 Magnum w/170 hrs., 2 wheel drive

IH 5288 MFWD cab, air, nice, '84 model
IH 3088 radials, '84 model, sharp
IH 1486, red power, 2600 hrs., cab & air
IH 1486 factory cab & air
1981 IH 1086, factory cab & air, very nice
IH 1086 factory cab & air
IH 1086, ROPS
IH 1066, fender tractor, very good
IH 1066, fender tractor, new TA, sharp
(2) IH 986, cab & air, new TA
IH 986, ROPS
IH 886, fac. cab & air, radials
IH 786, 4 post
IH 1566, red cab, w/air, sharp
IH 1466 red cab w/air
IH 966 fender tractor, WF, 3PT
IH 966 w/cab, clean
IH 966 w/rebuilt hydro
IH 766 w/year round cab, nice
IH 856 fender tractor, WF w/complete engine overhaul, very nice
IH 856, 3PT, WF, cab
IH 826 D, gear, 3PT, WF
IH 806 diesel, WF, 3PT, 38" rubber, nice
IH 784, 1050 hrs., very nice
IH 684 cab & 2250 loader
IH 674 diesel, very nice
Farmall 300, gas
AC, CA, NF

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NI 708 hydro, cab & air, very nice
NI 702 gas w/cab & air
NI 813 & 815 (low acre flex heads)
NI 711, 713 & 715 grain heads
NI 710 combine, good machine
(2) NI 717 combine (1 late model)
NI 767 Super chopper w/3RN and hay head
NI 725, 735, 738 corn head
NI 727 husker, low acres, very nice
NI 727 husker & 737 husker

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IH 450 fully mtd., auto. reset
Leon 10' front mou[SOLD]lade for IH tractors
Owatonna 345, Ford 4 cyl. ind. gas engine, skid loader
Cabs for IH 706 thru 1466
Dual wheels - 34's and 38's
Tractor Weights JD & IH
Complete rebuilt M&W Turbo kit for IH 856
Wilrich 9 Shank Chisel w/Front Cutter Blades
Shelling unit for IH 234 mounted picker, low acres, cheap
JD 1610 pull type spring tooth chisel
JD KBA disc 8'

Heads

(2) MF 1143 4RN corn head, good cond.
MF 1144 4RW corn head
MF 1859 13' flex w/U11 reel
MF 13' grain head
(2) IH 863 6RN
IH 820, flex 13'
IH 810 15' grain head
JD 443, 4RN
JD 443, low profile, 4RN
JD 215 flex, needs rebuilt
(2) JD 100 series rigid 13' heads, very nice
JD hay pickup head, 5½'

Combines

JD 6620 side hill, 1983 model, very nice
JD 6600, diesel, air, 1976 model, nice
JD 4400 diesel, '76 model w/air

Used Parts

IH 544 diesel, hydro Farmall
IH 504 utility
IH 856 diesel
IH 706 diesel
IH 1256
IH 70 hydro
IH 806 diesel & gas
IH 560 D
Farmall 400 & 450 D & gas
NI 702 D & 701 G
JD 4020 dsl., powershift
JD 3020 G
NI 717 combine
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Farmall H & M
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JD 3020 70-HP Dsl. ..... $ 8,450

IHC 884 70-H.P. Dsl. Utility, T/A..... $10,500

JD 2755 75-HP Dsl., 16-Speed, MFWD, Cab..... $31,900

JD 4630 Quad ..... SOLD $23,500

Case IH 3394, 165-HP, MFWD, Power Shift $35,500

Rental Units- For Sale

(2) JD 2555 65-HP, Cab
(2) JD 2955 85-HP, Cab

TILLAGE EQUIPMENT

JD F125 3B16 Plow ..... $ 495

JD Spring Harrow, 9-Ft. ..... $ 795

JD AW Disk Harrow, 12-Ft. ..... $ 950

Knowles Chisel Plow, 15-Ft. $1,250

Taylorway Chisel Plow, w/Coulters, 10-Ft..... $2,650

JD 1600 3B18 Plow..... $3,250

MF 233 Disk Harrow, 12-Ft. $3,450

JD F950 Roller Harrow, 12-Ft. $4,150

HAY EQUIP.

OMC 596 Round Baler ..... $ 6,250

JD 348 Baler w/JD 40 Ejector..... $12,400

JD 337 Baler w/JD 30 Ejector..... $ 7,950

JD 346 Baler w/JD 30 Ejector..... $ 4,500

JD 1219 9-Ft. Mower-Conditioner ..... $ 6,350

NH 489 9-Ft. Haybine ..... $ 4,150

Hesston 1010 10-Ft. Mower Conditioner ..... SOLD $ 2,250

NH 479 9-Ft. Haybine ..... $ 2,150

Case IH 3205 Disk Mower ..... $ 3,150

HARVESTING EQUIPMENT

JD 3960 Harvester w/3R30, 7-Ft. $15,500

JD 3960 Harvester w/3R30, 7-Ft. $12,200

JD 3940 Harvester w/2R30, 5½ -Ft..... $11,500

JD 16A Flail Chopper..... $ 1,750

Gehl 940 Forage Wagon ..... $ 2,750

JD 216 Forage Wagon ..... $ 2,150

CORN PLANTERS

0% Interest Til April 1, 1991

JD 1240 4R30 w/Dry Fert., Insect ..... $ 550

JD 7000 4R30 w/Unit Coulters, Dry Fert., Insect., Monitor..... $ 7,650

JD 7000 4R30 Conservation w/Unit Coulters, Dry Fert., Insect., Pop. Monitor..... $ 8,500

JD 7200 4R30 w/Unit Coulters, Dry Fert., Insect. Monitor $10,500

JD 7200 4R30 w/Frame Coulters, Dry Fert., Insect., Monitor $10,900

JD 7000 6R30 w/Dry Fert., Insect., Markers..... $ 4,650

JD 7000 6R30 Conservation w/Unit Coulters, Dry Fert., Insect., Pop. Monitor..... $ 7,650

JD 7000 6R30 Conservation w/Unit Coulters, Dry Fert., Insect., Monitor..... $ 9,500

MISC. EQUIPMENT

NI 323 1-Row Corn Picker..... $ 2,850

NI 176, 41 Ft. Corn Elevator w/Drag..... $ 1,950

JD 8300 21x7 Grain Drill..... $ 4,500

JD 8300 21x7 Grain Drill..... $ 2,500

JD FBB 15x7 Fert/Grain Drill ..... $ 1,950

Krause 5200 13-Ft. No-Til Drill 21 Openers $10,500

COMBINES

0% Interest Til Sept. 1, 1991

JD 4400 w/Cab, Gear..... $ 6,500

MF 750 w/Cab, Hydro, MF 44 Corn Head..... $11,000

JD 4425 w/Cab, Posi-Torq., AHHC, Monitor..... $41,900

IHC 1460 w/Cab, Hydro, 17-Ft. Rigid, 16-Ft. Flex, 6R 30 ..... $53,500

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(Located S. Of Rts. 30 And 283 On PA 72)

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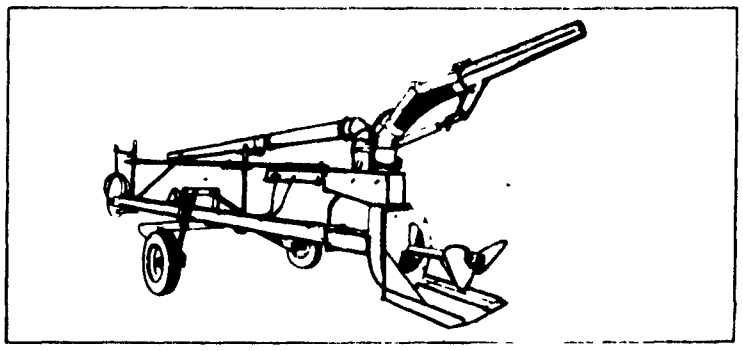

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IH 826 Dsl. Gear Drive
IH 756 Dsl.
IH 706 Gas
IH 674 Dsl.
IH 464 Gas
H 656 Gas
IH 656 Dsl.
IH Super C
Same 95 4WD w/Cab
IH 3688 Dsl. w/Cab

PLANTING & SEEDING

White 5400 Planter
IH 510 Grain Drill, 16x7
AC 333 10 Row Bean Planter

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Case 1818 Gas
Case 1830, Gas
Case 1835C D, Low Hrs.
Bobcat 731 Dsl.

TILLAGE

IH 350 Disc, 10'
IH 401 Springtooth Harrow
IH 531 Plow 3x14
IH 55 Chisel Plow, 9'
Pittsburgh Spring Tooth Harrow
IH 720 5x20 Plow
IH 480 Disc Harrow, 13'
Bearcat 10' Packer
Brillion 9' Packer
Dunham Lehr 11' Disc Harrow

UNI EQUIPMENT

704 Power Unit
717 Combine
727 Husking Bed
838 Husking Bed
768, 3R Corn Head

HARVESTING EQUIPMENT

IH 820 Flex Head 16½'
IH 810 Platform 15' w/Hart-Carter Flex Bar
IH 1460 Combine

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IH 1050 Grinder Mixer
JD 54 Manure Spreader
NI 214 Manure Spreader
NI 213 Spreader
Hawk Bilt 2155 Manure Spreader
Badger 3000 Gal. Tank
IH 560 Manure Spreader
Swartz 760 Mixer Wagon
NI 352 Manure Spreader

HAY & FORAGE

Case IH 600 Blower
Brady 144 Shredder 12'
Case 220 Square Baler
Gehl 99 Blower
IH 1490 Mower Conditioner 12'
IH 881 Forage Harvester w/2 Row Corn Head
NH 479 Haybine
NH 495 Haybine
IH 440 Baler
Badger 950 Forage Wagon
NH 489 Haybine
NH 1495 Windrower
Hesston 6550 Windrower, 12'
IH 56 Blower
NH 25 Blower
Krone 150 Round Baler
Gehl 920 Forage Wagon
IH 110 Forage Wagon
IH 650 Forage Harvester w/2R Corn Head

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Ford TW15 1986 Series 2, 4 WD, Cab & Air, 900 Hrs., Like new
Ford TW15, 4WD, Cab, air, weights, fully equipped, 1350 hrs., excellent
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Ford 7700, 1980 Model, Factory Cab w/ Heat, Dual Power, Dual Remotes, Front & Rear Weights, Nice Cond.
Ford 7000 Dsl. all purpose, dual power, dual remotes, very nice
Ford 5610, 4 WD, 1984 Model, cab, air, 3 remotes, Ford 777F loader, 600 hrs., like new
Ford 5000 Dsl. 1971 Model, 8 spd., 2 remotes, very nice condition
Ford 5000 Dsl. 1974 Model, flat deck, 2 remotes, excellent
Ford 4000 Dsl., 8 spd, flatdeck model w/new tires, nice cond.
Ford 3000 dsl., 8 spd., w/Ford loader and rear weights, very nice
Ford 4000 dsl. 8 spd. 2 remotes, weights and Ford Loader
JD 4020, 1971, side console, syn. range, w/factory cab w/heat, 2 remotes, Turbo, weights, original, nice
JD 4430 1975 Cab, air, quad, orig. & very nice
JD 4620 w/factory cab, power shift, 2 remotes, 20x38 radials, excellent
JD 4520 w/year-round cab, air, 3400 hrs., 2 remotes, very nice
JD 4050, Late Model, Low Hours, 15 Spd., Power Shift, Excellent
JD 3010 dsl., NF, very nice
JD 2950 4WD cab & air, 2 remotes, hi-low, 38" tires
JD 4020 Dsl., Power shift w/weighs and yr. round cab
JD 730 Dsl., NF, 3 pt., PS, weights, nice cond.
JD 730 Dsl., WF, 3 pt., flat top fenders, direct start, 2 remotes, very good cond.
JD 630, NF, 3 pt., PS, all original
JD 620, PS, 3 pt., w/JD 237 mounted picker
White 2-85 Dsl., over and under, 3 remotes, very good condition
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White 2-85 Factory cab & air, 38" tires, 2500 hrs., excellent SOLD

USED PLANTERS AND DRILLS

Brillion SS 10 seeder w/transport wheels and acre meter, nice condition
JD 7000 4RN, reg. planter, w/dry fert., good condition
IH 510 16 disc grain drill w/seed & grass seed, like new

USED PLOWS AND CHISELS

IH 550 5x16 Reg. Trip Plow w/coulters and gauge wheel, excellent
Oliver 4x16 auto reset w/coulters
Oliver 4340 3x14 Trailer plow
Oliver 548 5x18 auto reset w/coulter, excel.
Oliver 253 12' Finishing Disc, w/tandem wheels, very nice
Oliver 548 5x18 Auto Reset w/Coulter, excel.
JD 1450 5x16 cushion trip, semi mount, hyd. hitch, coulters, gauge wheel
Glenco 9 tooth soil saver, good condition
Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
Bushhog 3 pt. chisel w/gauge wheels, 8, 10, 12 tooth
JD 100 pull type chisel, 8 or 10 tooth
Ford 101, 316 mounted plow
White 588 5 or 6x18 auto reset, w/coulters, excellent

USED DISCS AND HARROWS

Kewanee 13' rock flex heavy duty cutting disc, very good cond.
Dunham Lehr 14' Cultimulcher, w/dual inboard wheels
JD 1520 12' Plowing Disc, dual wheels & cyl. big blades, nice condition

USED FORAGE EQUIPMENT

Gehl CB1000 w/late model pu and corn head, electric controls, good cond.
Gehl CB700 w/2RN corn, 540 PTO, hyd. sharpener, good cond.
NH 1880 self-propelled, cat dsl, hydro, 3 RN corn and pickup
AC long hopper blower PTO driven, excellent
NH 892 w/3 row auger base and PU, elect. controls, good cond.
NH 770 w/2RN corn, P.U., HD 540, very nice
NH 890 w/2RN Corn and Pickup, elec. controls, excellent cond.

JD 5400 Self-Propelled 4 WD, Cab & Air, 3 RN Corn Head, 7' Hay Pickup Head, 2200 Hrs., Excellent

USED HAY EQUIPMENT

NH 258 Rake w/rubber teeth
NH 848 Round Baler, 2 yr. old, excellent
NH 316 Baler w/thrower, excel.
NH 479 Haybine, good condition
NH 499 12' hydro swing, excellent
NH 495 12' Haybine, excel.
NH 256 Rake, very nice
NH 847 round baler one owner, excellent
NH 489 Haybine w/stub guards, very nice

USED HARVESTER HEADS

NH 890 2 RW Corn
JD 2RW w/clutch
Gehl HA 900 hay pickup
Gehl 3RN late model, good cond.
Gehl 2RN Head, excellent
Gehl TR30 38 late model 2R adj. cornhead
Gehl 6' open end pickup w/dolly wheels
JD 7' Hay pickup w/wheels
NH 1 row corn head, fits 717 or 770

MISCELLANEOUS

NH 679 Tandem Axle Spreader w/gate
MF 410 Combine 13' Hume reel, cab & air, extra nice
NI 323 1 Row, very good condition
JD 18x38 axle mount duals
JD 244 2RW snapper head w/forage harvester adapter plate

USED SILAGE WAGONS

Papec Dion 3 beater w/roof and tandem
Lamco 2 beater, no roof
Lamco 2 beater, RH unload
JD 716A tandem, 3 beater w/roof

LOADERS

JD 48 Loader w/brackets, very nice
Allied 660 QT loader w/Ford brackets

CORN PICKERS

JD 300 Husker w/2RN Or 2RW Head
NI 325, 2RN, 12 Roll Bed
NI 323, 1 Row
JD 620 Power Steering w/#237 Mtd. Picker

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Can be used for paper shredding

New 11' Pull Type Rotary Mower

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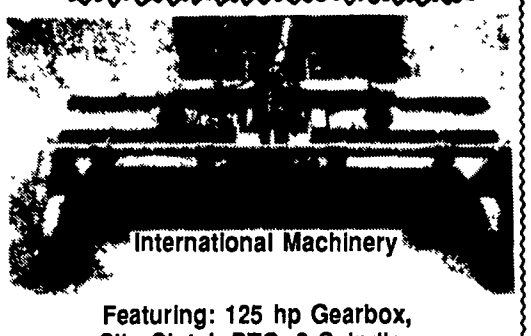

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L554 NH
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$10,575 Base
Zetor 5245.2 4WD
Cab, 43 Hp
$14,340 Base
Zetor 6245.0 4WD,
53 Hp.
$14,765 Base
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848 NH Baler

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JD 4450 Dsl., Cab, Air, 15 Spd., Power Shift, MFD, 1700 Hrs., Very Nice
1977 JD 4430 Dsl., Cab, Air, Quad, Excel. Cond.
1982 JD 4240 Dsl., Cab & Air, Power Shift, 3000 Hrs., Very Nice
1982 2640 Dsl., Hi-Lo, Ind. PTO, Very Nice
1985 2550 Dsl., MFD, 1300 Hrs., Exc. Cond.
1987 JD 4050 Dsl., 15 Spd., Power Shift, 4 Post Roll Guard, Very Nice
1982 JD 4040 Dsl., Cab, Air, Power Shift, Very Nice
JD 4440 Dsl., Cab, Air, Power Shift, 20x38 Rubber, Very Nice
JD 4430 Dsl., Cab, Air, Quad, High Back Seat, Triple Hydraulics
1982 JD 4240 Dsl., Cab & Air, Power Shift, 18x38 Radials, 1500 Hrs., Exc. Cond.
JD 950 Dsl., Roll Guard, 520 Hrs., Exc. Cond. Hrs., Exc. Cond.
JD 3020 Dsl. Side Console WF, Syncro Range
IH 5088 Cab & Air, 20x38 Rubber, Very Nice
IH 1086 Dsl., Cab, Air, 2500 Hrs., 20x38 Rubber, Very Nice
1975 IH 1066 Dsl. Fender Tractor, Dual Hyd. & PTO, Excel. Cond.
IH 986 Dsl., Cab & Air, 38" Rubber
1976 IH 766 Black Stripe w/Cab, 2900 Hrs., Exc. Cond.
IH 686 Dsl., WF, Dual Hyd., Very Nice
1975 IH 766 Dsl., 3PT, Dual Hyd., 38" Rubber
1979 AC 7000 Dsl., Cab & Air, Very Nice
MF 2705 Dsl., Cab & Air, 24 Spd., Power Shift
Ford 7000 Dsl., 2200 Hrs., Load Monitor, Very Nice
Ford 2000 Gas, Power Shift w/Indust. Loader, No. 3PT, 1500 Hrs., Very Nice

HAY EQUIPMENT

JD 1219 Mower Conditioner
(2) JD 1209, Late Model, Very Good
JD 530 Round Baler, Very Good
JD 430 Round Baler, Excel. Cond.
JD 347 Baler w/Ejector, Very Nice
JD 336 Baler w/30 Ejector
NH 1037 Bale Wagon, Tandem Axle, 105 Bale Cap.
NH 1033 Bale Wagon, 105 Bale, Tandem Axle, Very Good
NH 1012 Bale Wagons 56 Bale Capacity
NH 849 Round Baler, Excellent
NH 770 Harvester w/2R Cornhead, Very Good
NH 499 Hydro Swing, Hydro Tilt, Very Nice
NH 477 7'
NH 316 Baler w/70 Thrower
NH 326 Baler w/or Without Thrower
NH 846 Round Baler, Very Nice
NH 851 Round Baler, Very Nice
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JD 5½ ' P.U. Head w/Clutch
NH 162, 4 Star Tedder, Excellent
Gehl 1200 Harvester, Electric Controls w/ Pickup Head

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JD 4425, Cab & Air, 241 Hrs., Fully Equipped, Like New
AC Gleaner E w/Cab, 10' Grain Platform
Gleaner K w/Cab, Grain Saver, 10' Grain Table
1984 JD 4420 Dsl., Cab, Air, 600 Hrs., 1 Owner, Exc. Cond.
1982 MF 550 Dsl., Cab, Air, Hydro, 23" Rubber
MF 13' Rigid & Flex Platform
IH 810 13' Grain Platform
JD 213, 215 & 216 Flex Head
IH 820 13' Flex Head
JD 13' & 15' Series 100 Rigid Grain Head

CORN HEADS

JD 244, 2RW
JD 443, 4RN
JD 444, 4RW
JD 444 Oil Bath
JD 643, 6RN
JD 643 Oil Bath
IH 843 4RN
IH 863, 6RN
AC 238 Corn Head
MF 1163 6RN

TILLAGE

JD 1640 12' Plowing Disc
JD 340 12' Offset Disc, Like New
JD 310 12' Double Offset Disc
JD 220 Hyd. Fold 18' Disc
Neimeyer 10' Power Harrow, Excel. Condition
IH 610 12' Offset Disc
IH 475 14' Disc Harrow
Hutchmaster 12' Offset Disc, Big Blade

PLANTING EQUIPMENT

JD 7200 4R Cons., Dry Fert., Fully Equipped, Like New
JD 7000 6 Row No-Til Liq. Fert., Insect. & Monitor
JD 7000 6R 30 Consv., Liq. Fert., Frame Mtd. Coulters, Monitor & Markers
JD 7000 4R Conservation, Dry Fert., Insect. Monitor, No-Till Coulters
JD 7000 4R Liquid Fert., Insect. & Monitor, Very Nice
IH 5100 18x7 Double Disc Grain Drill w/Grass Seed SOLD

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Miller 11' Offset Disc New, 24" Blades
JD 2940 Dsl., MFB, 1400 Hrs., Excel. Cond.
1982 JD 4040 Dsl., Cab, Air, Quad, 1200 Hrs., Excel. Cond.
NH 354 Grinder Mixer, Very Good

We have lease financing available for above equipment

CORN PICKERS

NI 327 Husking Bed to Fit 2R Pull Type
NI 324 2RW 12 Roll Husking Bed, Very Nice
NI 323 1 Row Corn Picker

PLOWS

IH 155 4 Base Roll-Over On-Land Hitch
IH 735 Spring Reset, 5 Base, Variable Width
IH 720 5x20 Spring Reset
IH 720 5x20 Spring Reset, Onland Hitch
IH 720 4x18 Spring Reset
IH 720 6x18 Spring Reset, Onland Hitch
IH 720 7x18 Spring Reset, Onland Hitch
IH 710 6x16 Spring Trip Onland Hitch
IH 710 5x18 Spring Reset
IH 710 5x18 Spring Reset, Onland Hitch Plow
IH 710 4x18 Spring Reset Plow
JD 4200 3 & 4 Base Roll-Over
JD 2800, Spring Reset, 6 Base, Variable Width
JD 2500 4x18 Spring Reset
JD 2500 5x18 Spring Reset
JD 2450 5x18 Onland Hitch
JD 1450 5x16 & 5x18

MISCELLANEOUS EQUIPMENT

JD RM 6R Cultivator, 3PT
JD RM 4R Cultivator, 3PT
JD 158 Loader
JD 148 Loader to SOLD Row Crop Tractors
JD 146 Loader
18x38-18x34 Duals
JD Roll Guard w/Metal Enclosure For JD Utility Tractor
JD 145 Loader
IH #60 Stalk Shredder, Very Nice
IH #50 Stalk Shredder
IH 2350 Quick-Tach Loader
Year Round Cab Fits IH 766-1566, 666, 686

Farmco 18' Bale Wagons
8 Ton Gear, 11Lx15 Tires
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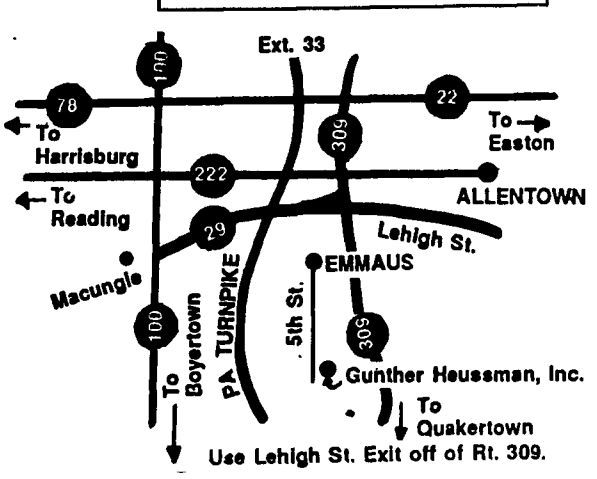

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JD 6600 Diesel, Rotary Screen, w/Air
704 Gas w/737, Choice of Heads
4 Row Flail Type Stalk Chopper
Int. 2010 Grain Truck, 18' Factory Bed & Dump

Still Available:
709 4WD w/1000 Hrs. & 839 Husker

- IH 234 Mtd. Picker w/Husker
- NI 323 Picker
- 966
- IH 766 w/Cab
- Ford Jubilee
- Uni 702 Dsl.
- Uni 705 Dsl.
- 838 Uni Husker
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- MF 300 Combine, Early Model But Nice
- NI 717 Combine, Nice
- NI 813 Flex Head, Nice
- Several Bean Platforms for Uni (Older Style)
- Adapter Throat to Put Corn Head on Uni Super Chopper
- 15' Bean Table for Gleaner F or F2
- 2RW Corn Head for Gleaner K or E III
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JD 4430, SGB, QR, good
JD 4020, good
JD 3020, NF, gas, good
JD 2840, good
JD 2350, 55 h.p., w 245 loader
JD 755 w/mower, 288 hrs., excellent
JD 750 w/mower, good
JD A, excellent
Deutz 30-06, good
AC 185 w/cab, good
AC 185 without cab, good

Combines

JD 9500 combine, 4WD, 450 hrs., excellent
JD 6600 LL
JD 6600 Side Hill w/platform
JD 3300 combine w/10' platform
(2) JD 215 flex platforms
JD 653 bean head
JD 15' quick tach rigid

Misc.

(2) JD 1219 mower conditioner, excellent
H&S 260 manure spreader, good
Miller rough neck 2E welder, 14 hp
JD 8300 grain drill, 24x6, 1 yr old, like new
JD 8350 drill, 18x7, fert., new openers

In Stock

Utility Tractors, (2) 2955, (2) 3155, 2755
Row Crop Tractors 4755 MFWD
New JD 9400 combine

Brillion Badger

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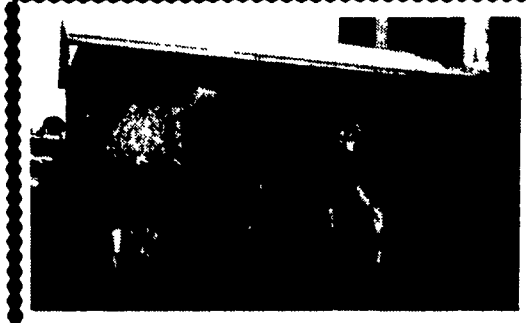

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AC: B, G w/tools; WD 45, D19 gas
CASE: 530 TLB; 970 w/Cab, 450 loader
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HEDLUND MARTIN: 1263 Scavenger manure spreader
KUBOTA: 7100 4WD
LONG: 560, 510 4WD Diesel.
MASSEY: 204 T/L gas, 165 w/loader.
NH: 276 sq. baler w/thrower
OLIVER: 770
SAME: Saturno 80
STEIGER: Bearcat
UNI: 702 diesel w/726 husking unit
WHITE: 5400 no-til, 4R, air planter

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FREE - PAIR OF LEATHER PALM WORK GLOVES WITH EACH ORDER - $6.00 VALUE

Pcs. Per Box	Size	Price Per Box	Quantity Ordering	Total Price
U.S.S. Grade 5 Cap Screws Zinc Plated				
100	1/4x¾	3.71		
100	1/4x1	4.14		
100	1/4x1¼	4.60		
100	1/4x1½	5.04		
100	1/4x2	6.34		
100	1/4x2½	8.29		
100	5/16x1	6.13		
100	5/16x1¼	6.74		
100	5/16x1½	7.46		
100	5/16x2	9.10		
100	5/16x2½	10.69		
100	3/8x1	8.35		
100	3/8x1¼	9.36		
100	3/8x1½	10.33		
100	3/8x2	12.64		
50	3/8x2½	7.18		
50	3/8x3	8.40		
50	3/8x3½	11.02		
50	3/8x4	12.89		
50	1/2x1¼	9.16		
50	1/2x1½	10.05		
50	1/2x2	11.90		
50	1/2x2½	13.54		
50	1/2x3	15.86		
25	1/2x4	10.15		
25	1/2x5	14.11		
25	1/2x6	16.73		
U.S.S. Hex Nuts Zinc Plated				
100	1/4	1.57		
100	5/16	1.98		
100	3/8	2.61		
100	1/2	5.86		

Pcs. Per Box	Size	Price Per Box	Quantity Ordering	Total Price
Carriage Bolts w/o Nuts Zinc Plated				
100	1/4x2	6.20		
100	1/4x2½	7.18		
100	1/4x3	8.22		
100	1/4x3½	9.09		
100	1/4x4	9.84		
100	5/16x2½	9.45		
100	5/16x3	10.82		
50	5/16x3½	5.76		
50	5/16x4	6.61		
50	5/16x4½	7.72		
50	3/8x2½	7.63		
50	3/8x3	7.49		
50	3/8x3½	8.28		
50	3/8x4	9.62		
50	3/8x4½	10.51		
50	3/8x5	11.37		
50	3/8x5½	12.59		
50	3/8x6	13.48		
Lock Washers Zinc Plated				
100	1/4	.74		
100	5/16	1.04		
100	3/8	1.50		
100	1/2	2.96		
Flat Washers Zinc Plated				
100	1/4	1.04		
100	5/16	1.38		
100	3/8	1.87		
100	1/2	4.38		

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STITZEL FARM EQUIPMENT, INC.

East Windsor St. & Krick Lane — Hamburg, PA 19526

Phone Bus. 215-562-8377 — Home 215-562-5740

COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines.
JD 8820 4WD, Full Equip. w/220 Flex.
JD 7720 4WD, w/216 Flex & 643 Corn Head, Nice.
1985 JD 6620, Side Hill, Titan II, Full Equip., Real Nice, w/215 Flex.
1981 JD 6620 Side Hill Combine.
JD 6620 4WD w/215 Flex And 643 Corn Head.
JD '81 Model, 6620 LL, w/215 flex, real nice.
JD '81 Model 6620 LL w/216 Flex, very nice.
JD 6620 LL, 1 Owner, Full Equipment, $25,000.
JD (80) 4420, C.A. w/Dial-A-Matic, Full Equipment, Real Nice A SOLD Flex.
JD (77) 6600 Side Hill, Good Cond.
JD 6600 Side Hill CA Hydro w/643 Cornhead.
(75) 6600 D. Rotary Screen good.
JD 6600 Gas w/443 Cornhead, As Is.
JD (77) 4400 D., C.A.
JD 4400 Gas, 13' grain.
IH (78) 1460, C.A., Hydro., Real Nice w/820-17½' Flex.
MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.
(77) MF 750, C.A., Turbo Hydro., Very Good
MF (76) 750 Cab, Air, Hydro
MF 750, C.A. Hydro.
Gleaner F2 D, C.A. w/13' Grain & 438 Corn, Nice.
Gleaner F2 D C.A. w/13' Grain.
(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.
IH D 915 C.A. Hydro w/863 & 810 Grain.
IH (77) 715 D. C A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.
IH 615 Combine, Gas w/810 10' Grain And 833 Corn Head, Good Cond.
IH 715 Gas w/Cab & 810 grain for $4,850; IH 80 & 82 Pull Combine; N.H. TR70 C.A. Hydro.
NI 702 & 705 Uni-Systems w/Full Eq.; NI 702 D. w/727 bed & 3R C.H.; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.

CORNHEADS: JD 644, 643 LP, 643, 444 LP, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 454 Row Crop Head
I.H 983; 963; 863; 844; 833; 744; 743; 327; 3R; 227.
A.C. GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C.H., F335.
M.F. 1163, 1144, 1143, 63, 44, 43, 24, 222, 422.
N.I. 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 6RN Corn Head.
NH 974 W4; NH 962 N3 & 962 W4; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.
820 16½' Flex.
I.H. 810-13' Thru 17.5' w/ Reg. or Floating.
M.F. 10'-16' Reg. or Floating Bar; A.C. E10'.
N.I. 713 Flex Or Rigid; NI 715 S Flex.
NH 960, 13' and 16'; E 10' Grain Head.

TRACTORS:
JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A.P.S, MFWD, Full Equip., Real Nice; JD 4850 C.A.P.S., MFWD, And Duals; JD 4650 C.A.P.S., MFWD, Like New; JD 4650 C.A.P.S., Real Nice; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450 C.A.P.S., MFWD, w/New Radial Tires; JD 4450, C.A.P.S., MFWD, Duals; JD 4250 C.A.P.S., MFWD, Real Nice; (85) JD 4250 C.A.Q.R.; 4050 C.A.P.S., MFWD, Real Nice; JD 4050, C.A.Q.R., 1900 Hrs., Excellent Cond.; JD 2950 CA, MFWD; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR; JD 4050, ROPS, Power Shift; JD 2950 C.A., MFWD; JD 2950 CA, 16.9x38 Tires; JD 2950 MFWD w/Rollguard; New JD 2355; JD 2550 w/175 Loader, Like New; JD 1250 w/Power Steering; JD 8640 C.A., 4WD, 20.8x38 Duals, Full Equip.; JD 4840 C.A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., Q.R., Duals; 4640 C.A.P.S.; JD (81) 4440 C.A.Q.R., 1 Local Owner, Like New; JD 4440 C.A.Q.R.; JD 4440 C.A.Q.R.; (81) JD 4240 C.A.P.S.; (82) JD 4240 C.A.Q.R.; (81) JD 4240 C.A.Q.R.; JD 4240 ROPS, QR; JD 4240, ROPS, QR; JD 2940 MFWD; JD 2940, Full Equipment; JD 2840 w/ ROPS, JD 2840, JD 2240 w/146 Loader; JD 2040, 4630 SR w/Cab & Air, (77) 4630 C.A.Q.R., FWD, w/ Duals, JD 4630 Fender, Syncro Range; 4430 C.A.P.S.; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430 C.A., 8-Spd., One Owner; JD 4230 C.A.Q.R., Nice; JD 4430, C.A.Q.R.; JD 4230 C.A.Q.R., Nice Cond.; JD 4230 CA, Syncra Range, Nice; JD 4430, QR, cab front wheel assist; 4430 ROPS, Syncro Range; JD 4230 C.A.Q.R.; JD 4030 Quad Range w/Cab; JD 4030 w/Cab, Q.R.; JD 2630 Utility Dsl.; JD 7520 C.A., 4WD, Needs Motor Work; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320 18.4x38 Duals, Real Nice; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; 4020 S.C., W.F.E.; JD 4020 D, WFE, Very Nice; 4020 P.S., S.C., W.F.E.; JD 4020 Dsl., WF, 2 Hyd., Nice; 4020 WF, Powershift, Orig. Paint, New 18.4x34's; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/Cab, Real Good; JD 4000 D WFE; JD (72) 3020 Tricycle Dsl.; JD 3020 SC, w/ ROPS, Power Shift; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF, Dif. Lock, Dual Hyd., ROPS, Good Condition; JD 3020 Dsl, WF; JD 3020 D Tricycle; JD 3020 D, WFE; 2520 Dsl.; JD 3020 G.; JD 2020 Gas, ROPS, w/Hi-Lo And Side Mounted Mower; JD 2020 Gas, Real Nice; JD 2020 Dsl; JD 4010 WFE, Nice; JD 4010 Diesel, As Is; JD 4010 Tricycle, Gas, w/ Cab, Nice; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 3010 Gas; JD 3010 Gas w/Loader; JD 2510 Tricycle, Gas; JD 2010, Util. Gas; JD 620 Gas, w/PS; JD 620 Tricycle w/3 Pt.; 1932 JD D, Original.
IH 5488, C.A., MFWD, 20.8x38 Duals; IH 5488 C.A., MFWD; IH 5488 ROPS, MFWD; IH 5288 CA w/20.8-38 Duals; IH 5088 C.A.; IH 3588 2+2, One Owner, 1400 Hrs.; IH 1586 C.A. Real Nice; IH 1586, CA, Duals; IH 1586 C.A. (Needs Trans. Work); 1586 w/R.G.; IH 1486 CA; IH 1486 CA; IH 986 C.A.; IH 986 ROPS; IH 186 Hydro, ROPS; 886 w/R.G.; F686 Original; IH 4166 4WD, w/3 Pt. And PTO; IH 1466, C.A., 18.4x38 Duals; 1066 w/Yr. Round Cab; F 1066 Fender, Original; IH 1066 (Needs TA); IH 1066 Fender; 1566 w/Cab; 1466 w/ Cab; 1466 Fender; IH 966 w/2350; F766 w/Factory Cab; 766 Fender Dif-Lock, New Tires; IH 784 MFWD; IH 684 Row Crop Utility; 574 D. w/Loader; Farmall 544 Gas, WF, 3 pt.; IH 544 Utility Gas; IH 464, Gas w/ROPS, Real Nice; IH 444 U. Gas w/IH 1501 Loader; IH 424, Utility Gas; IH 504 Utility Dsl. w/IH 1501 Loader; IH 504 Gas, WFE; Farmall 856 Dsl., Nice; 756 Dsl., WF; 656 Diesel; 656 Dsl. WFE; IH 656 Row Crop; IH 1206; F806 Dsl. w/2000 Loader; 806 D, WF; IH 706, 4 WD w/Cab And 310 Motor w/Turbo, IH 706 Dsl. w/2000 Ldr.; F560 Gas, WF, Nice; IH 560 Standard Dsl.; Farmall 450 Dsl.; Farmall 560 Dsl.; Farmall 460, Tricycle Gas w/Fast Hitch; IH 350 w/Ldr.; Farmall 350 Tricycle w/PS, FH And Loader; Farmall 200, Farmall 100, Hi-Clearance w/ Cultivators; Farmall H; Farmall C; Farmall Super AV w/Cultivators.
AC 8070 C.A.P.S. w/Duals; AC 8050 C.A.P.S., MFWD; AC 8070, C.A.P.S., MFWD; AC 8010 C.A. 20 SP MFWD w/Westendorf 64 Ldr.; AC 7020 CA, 20 Spd.; AC 7010 C.A.P.S., w/AC 470 Loader; AC 7010 CA; AC 200 D original; AC 180 Tricycle Dsl., Nice; AC 175 w/Cab; AC D17 Series IV D. 3 Pt, WFE; AC D21 Series 2; AC D17 Dsl. WF; AC B w/ Cultivator.
(86) Deutz Fahr DX 8.30A, 190 HP, C.A.P.S., MFWD, Nice; Deutz 5506 w/Dunham Lehr Loader, Nice, Deutz Fahr DX 830 C.A P.S., MFWD; Deutz DX160, CA, MFWD.
CASE IH 685 C.A. MFWD, w/110 Hours; CASE IH 3294 CA MFWD, Radials, Real Nice; Case 2294, C.A.P.S., Like New; Case 2094 C.A.P.S., MFWD; Case 4690 C.A., P.S. 4WD, Full Equipment; Case 2590, CA, PS, 1600 hours; Case 2390 CAPS, Duals; CASE 2390 C.A.P.S., Duals; Case 2090 C.A.P.S.; Case 2290, C.A.P.S., 20.8x38 Radials; Case 2290, C.A.P.S.; Case 1690 C.A., MFWD; Case 1390; Case 1370 C.A.P.S.; Case 970 ROPS; Case 970; Case 930 (Needs Motor Work); Case 730 Gas w/3 Pt., WF; Case 1210 (Needs Clutch).
MF 2805 C.A., 24 Speed, w/ Duals; MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 2705, C.A.P.S.; MF 2675 C.A. 24-Speed; MF 1150 w/Cab; MF 1150 Fender w/Duals, MF 1135 C.A., MP, Nice; MF 1135 w/Cab, 8 Spd.; MF 1100; MF 1100 Dsl., WF, As Is; MF 1085; MF 245 Dsl. w/PS; MF 175 Dsl., As Is; MF 165 U. Gas; MF 135 Gas; MF 85 Dsl., Original; MF 65 Utility Gas w/Ldr.; MF 35 Dsl.; Ferguson 20 w/Ldr.
Ford TW5, C.A., MFWD, 800 Hrs., Like New; Ford TW30 C.A., Duals; Ford 7710 C.A., Nice; Ford 7770 CA, DP; Ford 7700 ROPS, New 18.4x34 Tires, Ford 8000; Ford 8000 (Needs Reverse), Ford 4000 Dsl, origina paint, Ford 4000 Gas, Ford 3000 w/PS w/Ford 772 Ldr.; Ford 3000 Gas w/PS, Good Cond.; Ford 3000, As Is; Ford 2000 Gas w/PS And Loader, Ford 871 w/Power Steering And Front Blade; Ford 9N w/Ldr.
WHITE 2-135, C.A.; White 2-155, C.A.; White 2-85 w/Cab; White 2-85.
OLIVER 1955 Original; Oliver 1855 MFWD; Oliver 1755, As Is; Oliver 1655 D, WFE; Oliver 2050; Oliver 1600 Tricycle Gas, As Is; MM G1000 Nice.

Tractors & Equip. Just Traded:
IH 5100 24x6 Single Disc w/ Grass Seed, Like New; IH 770, 11' Offset Disc, Richardton 1200 Side Dump Wagon; Long 3 Pt. Backhoe; Dump Wagon; Ford CL40 Skid Loader; NH 1010 Bale Wagon, JD 4450 C.A P.S., MFWD; MF 35; Oliver 77 Gas, WF, Oliver Super 88; Oliver 1800 Gas; Oliver 1650 Tricycle, Dsl.; Oliver 1755; Oliver 1855, As Is; JD D; Glenco 7 Tooth Soilsaver w/New Blades; Steiger Bearcat 2 w/Duals And 3 Pt.; IH 2000 Loader; IH 5488 w/Duals; 8' Seeder.

CORNPICKERS: (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; NI 324 Picker w/8 Roll Bed; Shellers & Super Shellers; NI 323 Picker; NI 330 3R Picker w/12 Roll Bed.
New NI 329 Super Sheller List $6700 00, Special $3,550, NI 330 - 3 RN w/Supershellers, 325 2RN w/Grinder
PICKER. NI 319 Mtd, NI 319 2 Row Mounted Picker w/12 Roll Bed
FORAGE EQUIP Forage Harvesters w/Choice of Heads
JD 3960 w/2 Heads, Full Equip, JD 3800 Chopper, Hay Pick-Up, JD 3800 Harvester, w/2R Corn Head, JD 3960 w/3R Cornhead, JD 3960, JD 35 Chopper
NH 900 Chopper, Like New, NH 900 Chopper; NH 890 w/Electric Controls, 2R Corn & Hay Pickup, NH 770 w/heads, NH 770 w/822 Cornhead, NH 718 w/1 Row Cornhead, NH open end hay pickup heads, 6', IH 830 Chopper w/2 Row Corn, IH 720 w/2R And Pickup, Good Cond, IH 781 Harvester w/2R Corn Head, Hay P U, And 2 Row Snapper
Hesston Field Queen 7600, Self-Propelled Chopper w/3 Row And Pickup
NI 709 Uni, 4WD, w/767 Chopper and 4 Row Cornhead
MF 200 Chopper w/2R Cornhead
Hesston 7020 w/Hay Pick-Up
Fox Super D w/Cab 3R C H & PU
Gehl 1200 Chopper Elect Controls w/3R Corn Head And Pick-Up
Gehl CB 1200 Chopper
Balzer 1014 Hydraulic Dump Station
FORAGE HEADS NH 717-S Direct Cut for 770 & S717, 890 EN-2RN Snapper, 770-1R Snapper, (3) NH 822 Silage, NH 890 w/2 or 3R C H, NH 890 2R Snapper Head NH 890 Direct Cut Head, 1, 2, & 3R Silage, NH 880W PU NH 88C S Direct Cut NH 890 N3 3R Corn, Incomplete
JD 3R 36" Silage Head J D 2 & 3R Snapper, 2 & 3 R Silage Used 5½' and 7' Hay Pickups JD 343 Cornhead w/Adapter Plate JD 243 C H w/adapter plate JD 244 Cornhead w/Chopper Plate, Like New, 3 JD C H harvester adapter plates, JD 4RW Stalker Head
IH 720 SOLD Pick Up, IH 830 3 Row 30" Cornhead IH Direct Cut Head w/2RN & Hay PU for 650 NI 766 Hay PU, Gehl 1000 Hay Pickup Gehl 2RN Corn Head
2 CSB 2RW - Snapper, 263 2 RW, 109 Hay Pickup
BLOWERS Gehl 99 Blower, NH 30 Farmhand Burr Mill Blower, Witmore Grinder Blower
FLAIL CHOPPERS Used NH 38, JD 27 Stalk Shredder, NH 38 Flail Good Condition, Bearcat 72A Flail Chopper, IH #50 12' Stalk Shredder, SOLD
SILAGE WAGONS. Fox 1016 Dump Station (2) JD 716 Tandem Axle w/Roof Hesston #10 Stack Wagon
HAY EQ BALERS. Deutz Allis HD 490 Baler w/Thrower, Like New, JD 466, JD 347 Baler w/Thrower, JD 347 w/Thrower, JD 327 Baler w/Thrower, JD 327 Baler w/ Chute, JD 336T w/Thrower, JD 336 Wire w/Thrower, JD 24T w/#30 Thrower, JD 24T w/#30 Thrower
NH 326 Baler, NH 326 w/70 Thrower, Used 3 Seasons, NH 425 Wire Tie Baler, NH 320 Baler, NH 320 Baler w/70 Thrower, NH 315 w/70 Thrower, NH 315 w/Thrower, NH 315 w/70 Thrower, NH 276 Wire Baler, NH 276 Baler, NH #75 Ejector, IH 445 Baler w/#15 Thrower, NH 848 Round Baler w/ Memory Wrap, NH 851 Rd, NH 847 w/Auto Wrap, Like New, NH 847 Auto-Wrap, NH 846 Hydr Wrap, NH 846 Hyd Wrap, Hesston 5600 Round Baler, Real Nice
RAKES Vermeer R 21A Twin Rake, MF 585 w/Dolly Wheel
NH 258 Rake, NH 259 Rake NH 56 Rake, JD 660 Rake w/Dolly Wheel, New NI 406 Rake, Hyd Drive w/Dolly Wheel, Fahr 4 Star Tedder, Fahr 4 Star Tedder w/Big Tires
HAYBINES (1982) NH 1495 D C A Hydro 800 Hrs, NH 1495 Dsl, C A, Hydro, NH 1495 D Hydro w/Half Cab, NH 1495 Gas Haybine NH 499 Hydro Swing Haybine, Very Nice, 495 NH 489 Haybine, Real Nice, (3) 489 NH 488, NH 479, 478, 477 (4) NH 467 Haybines, New JD 1600 Hydroswing Haybine, (Damaged), JD 1219, JD 1209 Haybine, JD 1209, IH 990 9', IH 990 7' Haybine, JD 1327 Diskbine, Like New, Hesston PT7
New MC 7E, MC9E Rotary Scythe, NI 272 Cutditioners, NH 1010 Bale Wagon, Good Cond, NH 1005 Bale Wagon, NH 1002 Bale Wagon
PLANTERS AC 333 6R No-Til Planter, JD 7000 6R Cons, Dry Fert, JD 7000 6R Cons Liq, JD 7000 4R Liq, (Used) 7000 6R Cons Liquid w/No Till, JD 7000 6R Conservation, Dry Fert, JD 7000 6R Corn Planter, Dry Fert, JD 7100 6R Planter, 3 Pt, JD 5R Splitter w/No Til, JD 7000 6RW Plate Planter, 7000 4R Dry & Liquid, (2) JD 7000, 4R Dry Fert, Full Equipment JD 7000 4RN Liq, JD 7000 4R Planter, Dry Fert, Real Good, IH 800 4RN Liq Plate Planter, IH 800 4R Liq Air Planter, Hiniker 4R Econotill, No-Till w/Kinze Units, IH 56 4R Planter, White 5400 6R Corn Planter, Dry Fert, AC 600 4R No-Til Planter
DRILLS JD 8300 21x7 DD, JD 8300 21x7 Single Disc Drill, JD 9300 Tandem Drills, Moore 18x6 No-Til Drill, Tye 24x6 Drill, IH 5100 Drill, 21x7 w/Press Wheel And Seed, 510 24x6 Double Disc, Brillion SS-1201 10' Seeder w/Transport, Brillion 10' Seeder
GRINDERS/MIXERS Owatonna 450 w/Scales, Bearcat 1250, JD 750 Grinder/Mixer, NH 352, Gehl 65, Roto Grind Tub Grinder
TILLAGE EQ PLOWS IH 440 3X Plow, Ford 3X Plow, IH #60 3X Trailer Plow, White 3X Spring Reset, Oliver 3X Roll Over Plow JD F325 4X 3 Pt, Hydr Reset Plow, JD 3X Rollover Plow, IH 140 4x18 Rollover, JD 1250 4X Semi Plow, IH 540 4X Semi Plow, JD 1450 5x18 Plow JD 1450 6X JD 145 5x16 Semi Trip Plow, JD 2600 4X Trip Plow, JD 5X 16' Semi Mount Plow, JD 2500 5X Spring Reset, JD 2500 5x18" Spring Reset Plow New Taylorway Pittsburgh 5X 18" Spring Reset IH 710 5x18" On Land Hitch Plow, IH 700 4 and 5X Spring Reset Plow, Oliver 546 5X Trip Plow, IH 720 6x18 Plow, IH 720 6x16 Spring Reset On-Land, Ford 6X Spring Reset On Land Hitch, White 508, 6X Reset, 6B Semi, IH 700-6x16 Spring Reset, White 549 5-6x18 Spring Reset JD 2700 6X Plow, Case 400 6x18 Spring Reset On Land, (2) JD 945 5X Semi Rollover JD 2800 6X On Land (2) JD 2800S, 7X, JD 2800, 7X Onland IH 710 7X Onland, JD 2800 7X On Land JD 3600 8X Spring Reset, On Land JD 2800 8X Plow, IH 800 10X Plow
CHISEL PLOWS Athens 6' Chisel Plow JD 1600 10' Pull Type Chisel, Brad SOLD l Plow, JD 1600, 12 Chisel, Bush Hog 10 w/ Buster Bar, IH 55 13 Tooth Chisel
DISCS. JD 9 Offset Orchard Disc Bush Hog 245 14' Offset Disc Miller 10 Offset Disc White 281 12 Offset Disc IH 770 10' Offset Disk, Like New, IH 770 20 Hyd Fold Offset Disc JD 110 12' Rock Flex, White 252 12, JD 210 14' Disc, Real Nice, Krause 10' Disc Miller 12 Offset Disc, White 15 Offset Disk, AC 2300 20' Hyd Fold Disc Case F21 21' Hyd Fold Disc, Dunham Lehr 34 20 Rock Flex Disc Case DOT 21 Hyd Fold, Very Good, Rhino F90B 22' Hy Fold Rock Flex JD 230 24 Hyd Fold Disc, JD 330 25 Hyd Fold Disc
MULCH TILLERS JD 1710 7 Tooth Mulch Tiller, Willbeck 13' Glenco SS18 Fold Soil Saver, Glencoe 13 Shank Soil Saver, Rhino 890 5 Tooth 7 Soil Saver, Like New
CULTIMULCHERS Dunham Lehr 10' w/Inside Whls, JD F950 12' JD & Brillion 10', 12, 13' & 15', Brillion WM 360 30 Flat Fold Cultimulcher, Like New
CULTIVATORS JD 4R Front Mount Cultivator JD AT 40 4R Front Mount Cultivator, IH 68 4R Front Mount Cultivator, McKee 4R S Tine, McKee 4 Row S-Tine Cultivator, (2) JD RG 4, JD & IH 6R 3 pt, Glenco 6R S-Tine Cultivator, Noble 6R S Tine Cultivator, IH 65 6 & 8R Front Mounted Cultivator, JD 8R Cultivator, 8R S Tine Cultivator, 8R Fold S-Tine Cultivator, JD 1010 28' Hydraulic Fold Field Cultivator, JD 20' 3 Pt Field Cultivator, White 283 20' Hyd Fold Harrow, Brillion 18' Wing Harrow, Brillion 23' Hyd Fold Field Cultivator
MISC Brillion 24' Hyd Fold Packer, Brillion 25' X Fold Packer, Brillion 12' Packer, Glencoe 12' Soil Finisher, JD 5 Shank V Ripper, 5 Shank V Ripper, Brillion 7 Shank V-Ripper, IH #14, 6 Shank, Spring Reset, V Ripper, IH 14 9 Shank Spring Reset V Ripper
INDUSTRIAL. New Arps 740 3 Pt Backhoe, MF 2200 Dsl Forklift, As Is, Cat 955 Ldr, As Is, IH 250A Dsl Industrial Loader, JD 401B Dsl. Ind
1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, Case 580B LB w/ ROPS, AC 715B L & B; JD 300 Gas Loader Backhoe, IH TD14, Angle Blade, $2,995, JD 350B Crawler Loader w/Winch (As Is), JD 450C Crawler Loader, JD 555 Crawler Loader, JD Winch And 4 In 1 Bucket For JD 450
SKID LOADERS. Bobcat 444, Bobcat 533 D Skid, Case 1740 Dsl Skid Loader, Case 1845 Gas Skid Loader, Case 1845 D Skid, (85) Case 1845 B Dsl, Ford CL 40 Skid Loader
LOADERS & BLADES JD 46A, 48, 58, 145, 146 w/Grapple, 148, 260, IH 2455 Loader, IH 2355 Like New, IH 2350, 2250, Case IH #90 Ldr, Like New, Case 66 Loader, Ford 727 Loader, Ford 720 Loader, Artsway HD loader for 4WD, AC 500 Loader for 185 etc; AC Loader For D17, Ford Ldr For 8000 Etc, JD Fork Attachment, JD 8' Dozer Blade For 4430, Etc, JD 155, 9' Heavy Blade w/Hydraulics, Leon 12 Heavy Duty Front Blade, Amco 905 Heavy Front Blade, York 8' 3 Pt Stone Rake
LAWN & GARDEN JD 650, MFWD w/Mower, Ford 1500, MFWD, Ford 1710 w/Ford 770A Loader, AC 5030 w/Mower & Blade, Bolens G154 Dsl 4WD, w/3 Pt Mower And Front Blade, Bolens 174 4WD w/Mower Cub Cadet 582 w/Ldr And Mower, Farmall Cub w/Mower, Cub 184 w/Mower & Creeper Trans, Cub 185 Lo-Boy, Cub 154 Lo Boy, With Creeper Trans, 154 Lo Boy w/3 Pt, Cub 154 w/Ldr, Cub 154 w/ Blade Yanmar 14 HP Dsl, (3) Farmall Cubs w/Mower, Cadet 782 1100, JD 400 w/Ldr And 3 Pt Woods Mower, JD 400 w/ Mower, JD 318, 317, 316 300 216 214 212 210 160, (New) Johnson Loader For Cub Loboy Snowblower For JD 300 Series Woods 306 Belly Mower, Like New, Woods 6' Belly Mower
New Yanmar YFL 1000 Ldr, Schutt 3PT Tree Digger

ROTARY CUTTERS JD 1508 Wing Cutter Woods 120 10' Offset Cutter King Cutter 4 Pull Type
MC 7 Heavy Duty Mott Mower Hardy H360C0 Ditch Bank Cutter

SICKLE MOWERS JD 350 7 & 9 Ft NH 450 3 Pt, NH 451 NH 455 Pull Type Sickle SOLD
MANURE SPREADERS NI 354 Tandem Spreader, NI 354 Tandem Spreader NI 353 Tandem Spreader, Martin V3300 Tandem Tank, NI 212 Spreader Martin Manure Auger 4 Shank Manure Injector

New Killbros Bins & Running Gears

MISC Powell 3R Transplanter John Blue 1 000 Gal Tandem Axle Sprayer, Edwards Hydro Swing Tree Booms w/Foot Controls, NI 716 32 Elevator w/Motor & PTO Smoker 22 Elevator Westfield 18 Auger w/Electric Motor Riteway Rock Picker Leon Rock Picker Farmhand 8' Snow Blower, JD Quick-Couplers JD WF 4WD I H Flat Top Fenders For 706 1466, I H 66 Series Cabs Year Round Cab w/Air For IH 66 Series Damaged IH 84 Series Cab J D & I H Front & Rear Wts, JD 243 Corn Head w/ Adaptor Plate, New WFE For Ford 7700, Myers Snow Blade for IH 240
Muv All 30' Hyd Implement Trailer
J D Roll Guards, Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc

STRAW CHOPPERS For J D 4400 6600 6620, 7700, M F 510

MECHANICS SPECIALS TRACTORS 4020 Tri
JD 3010 D, As Is

(NEW) NEW IDEA CORN PICKERS
Truckloads of 1R #323 & 2R #324 Pickers.
Also Super Shellers
Below Dealer Cost
Dealers Welcome Also
NEW IDEA
Available Only From Stitzel's Financing Available

DECEMBER SPECIALS

TRACTORS	
(70) JD 5020	$ 4,500
IH 1086 C A.	$ 8,900
COMBINES	
1973 JD 6600 D. C A w/Grain Head	$ 3,500
IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 8,500
M F. 510 Diesel w/Cab & Q T Grain	$ 2,900
(2) IH 205's w/Cabs, 10' Grain Head, Buy The Pair For	$ 1,500
IH 105 w/Cab & 10' Grain	$ 1,200
JD 4400 Gas	$ 3,500
MF 300 w/24 Corn Head	$ 2,250
MISC.	
JD 38 w/2R Corn Head	$ 1,000
NI 325 w/12 Roll Bed	$ 3,500

Largest Selection Of Quality Farm Equipment In The East

FOR SALE:
JD 4030, good condition
NH self propelled haybine
NI 2 row picker Super sheller

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Harvest Specials

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** **Ford 5000 Diesel** w/Dunham Loader. **$8,450**
** **Oliver 1855,** Perkins 354 engine, 20 8x38 tires, rebuilt front end, roll guard w/roof. **$6,950**
** **Oliver 1650,** gas, NF, hydro power, 1,975 hrs **$4,950**
* **IH 460 Tractor,** gas, like new rubber, clean **$2,250**
** **Mustang 1700 skid steer loader,** torque converter, water cool engine, quick attach bucket **$4,650**
* **Ford 850,** 5 spd , 14 9x28 tires, big hyd pump **$2,650**

Harvesting Equipment

** **JD 3960 base unit** electric, long tongue, like new knives, 3RN head, 7½ ' hay head ~~$10,850~~ $10,250
* **JD 3800 harvester** w/hay head **$1,850**
* **NH Super 27 blower,** heavy PTO, excellent **$1,250**
* **NH 320 baler** w/belt thrower, field ready, recent trade **$5,250**
** **Fox hay head** **$275**
** **AC 430F** 4RN snapper head w/adapter for Field Queen **$1,975**
** **Gehl 300** w/2RN corn head **$950**
** **Fox 6200 chopper,** Perkins engine, cab & air, 4WD, 3RN head & hay head. ~~$16,900~~ $16,250
** **NI 486 Round Baler** w/Endless belts, extra nice **$7,250**
** **NH Hay Head** fits 717 & 770 harvesters . **$585**
** **NH 315 Baler** w/hyd. tension, bale chute extra clean, shed kept **$3,950**
** **Badger** 3 beater forage wagon, 16', 12 ton gear, like new .... ~~$6,250~~ $5,950
** **Grimm** PTO 7' tedder ... **$895**

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* **JD no-till drill** #1550, 12 disc, 8" Spacing **$3,650**
* **IH 510 drill,** double disc, grain & grass hoppers **$2,995**
* **Oliver 3 btm. plow, cushion trip, heavy frame** **$675**
* **White 3 btm.** reset plow. **$1,895**
** **Tye 80"** no-till, 3 pt seeder, grass seed & small grain **$2,550**
* **Oliver #76 17 disc drill,** grass seed, excellent **$850**

Manure Handling Equipment

** **MF 235 Loader,** Manure bucket fits 135, 235, TO30 **$1,375**
* **NI #9 Spreader,** clean & original **$585**
* (2) **NH Endgates** for 518 or 676 spreaders, like new **$275**

Miscellaneous

* **V Plow** fits IH loaders **$250**
* **Snow Plow** for trucks or heavy duty front end loaders **$495**
** **Horst heavy duty wagon gears** in stock, 7 ton, 9 ton, 13 ton, 14 ton & 16 ton **Call For Price**
** **Farm Hand** grinder mixer w/auger hopper **$1,850**

*** Special***
215 Bu. Country Boy Bin w/8 Ton Gear, New Tires & Adjustable Tongue...$1,425
(1) Buffalo Valley Elevator, 36', closed bottom w/62 chain...$2,050

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New 655C TLB, cab, 4WD... $43,112
Ford 555 TLB, new paint, good cond.
Ford 555B TLB, 4WD, 4 in 1 bucket, less than 800 hrs.
Ford 340 TLB, good condition
4500 TLB, 3 to choose from
JD 2010 TLB
Case 580CK TLB, runs good
Ford 3400 TL w/cab
Ford 515 TL w/3 pt. & PTO
Austin Western Crane, 50' boom, 4 whl. steer, 15 ton
Huber Maintainer, runs good
Cat Motor Grader, model 112
Bobcat 720 skid loader, 30 h.p. Wisconsin eng.
Gehl skid loader model 2600, 25 h.p. Onan eng.
Stow 1 ton roller, 1988 model
New 1550 Kubota, 4WD, hyd. trans., looks good
New Ford TW15, cab, air, 4WD
New Ford 8630, 4WD, PS, cab & air
New Ford 4630, 8x8 synchro trans. 2 spool remote
Ford 8000, 8x2 w/dual power, eng. overhld
(2) 4000 Ford tractors to choose from
Ford 1900, 4WD w/loader, 482 hrs.
Ford 1100 w/mower
(2) Ford 800's, new paint, looks good
Several 9N Fords w/3 pt. to choose from
(2) Tractor Mt'd Snow Blowers, McKee & Hanson
NH 355 grinder mixer, demo
Ford 5 btm. plow, spring trip
Chevy dump C65, 427 eng., 5spd., PS, air brakes
Mack truck cruiseliner, air, motor&trans. overhld
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New 9 & 10 ton Eager Beaver trailers, air brakes
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MM 335, $1,300
MF 65G, $2,500
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MF 35G, PS, $4,200
MF 50, P.S., $3,500
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539, $7,900
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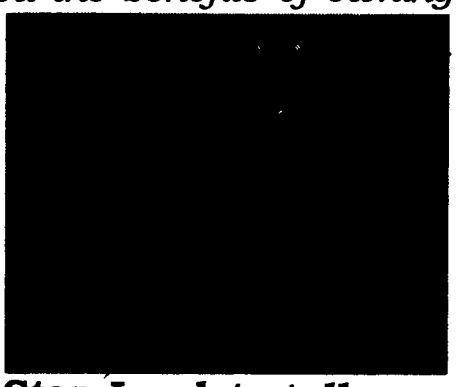

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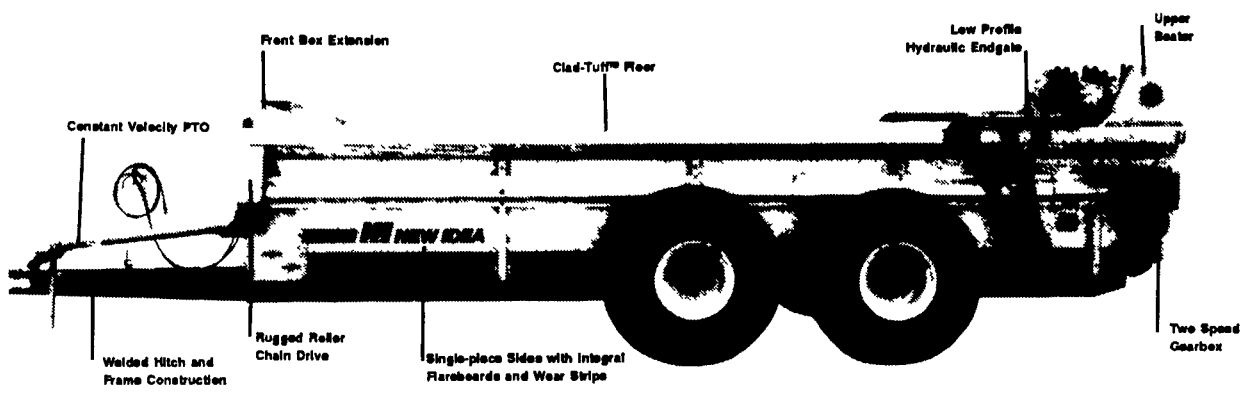

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Weaverline 330 Cart 30' Bu.-
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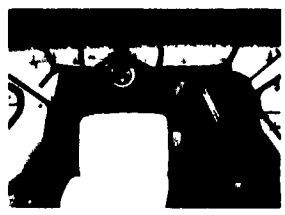

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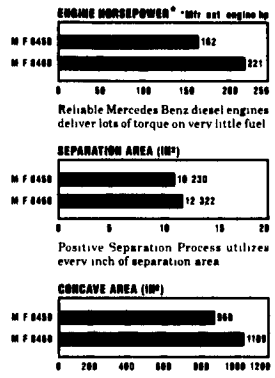

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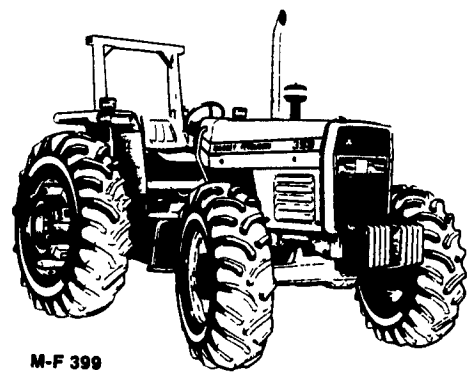
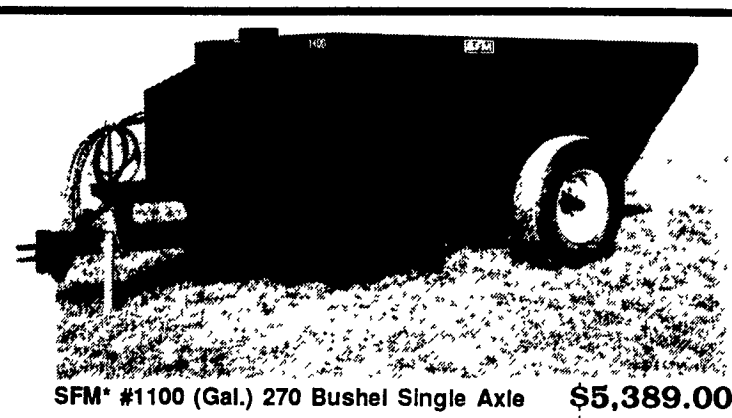


M-F 399



SFM* #1100 (Gal.) 270 Bushel Single Axle $5,389.00
SFM* #1700 (Gal.) 350 Bushel Tandem Axle $7,900.00
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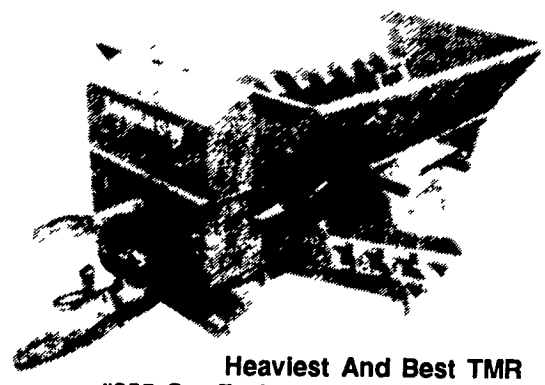

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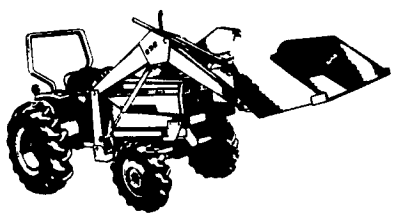

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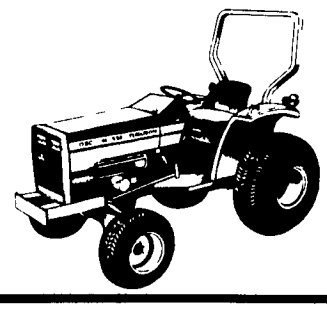
1035 - 4WD, 31 HP, Ag Tires	$8,900
1045 - 2WD, 35 HP, Ag Tires	$8,650



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MF 6 Row Cultivator	$800
Noble 4 Row Cultivator	$2,150
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Yetter 15' Rotary Hoe	$2,625

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Vicon RP1510 Demo Model	$7,900
McKee Round Baler 4x5	$3,500
J Bar 3 pt 4 Wheel Rake	$475
MF Forage Blower	$1,900
Gehl 1710 Round Balers	$5,500
Hesston 3700 Rake Tedder, 1 yr old	$2,200
Vicon KM 281 Discbine	$5,500
NH 495 Haybine	$2,900
NH 495 Haybine	$1,900
Vicon CM 240 Disc Mower	$1,500
NH 489 Haybine	$3,500
NI Cutditioner	$1,200
NI Cutditioner w/Engine Mount Steel Wheels	$1,200

MISC. EQUIPMENT

Danuser 3 pt. Wood Spliter	$780
Danuser 3 pt. Post Driver	$1,200
Shaver 3 pt. Hyd. Post Driver	$1,700
E.Z. Trail 8 Ton Running Gear	$1,150
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Woods RM600 Rotary Cutter	$1,550
Brady 840 Stalk Chopper, 84"	$3,200
MF 220 5' Rotary Cutter	$1,050
York 75 HP Rated 8' 3 pt. Blade	$1,075
York 100 HP Rated 8' 3 pt. Blade	$1,275
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Dunham 30 Front End Loader	$2,800
Myers Front Mtd. Snow Blade	$1,400
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MF 1085	$5,800
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MF 265	$4,700
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Case 1690 4WD	$11,000
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IH 674	$3,500
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Farmall 230 Tricycle, Cultivator	$1,200
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JD 1010 Dsl. Crawler Loader	$4,500
JD "B" w/Cultivators & Sickle Mower	$1,000
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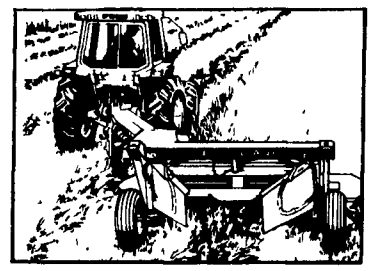

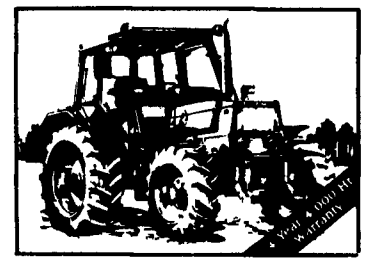

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JD 13' Grain Head
IH 820 15' Flex Head
JD 6620, LL
JD 55 w/2 Heads
IH 105 w/2 Heads
JD 444 Cornhead

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JD 375 Blade for 750 tractor, excellent

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IH 2R Corn Planter
JD 5 Btm. Plow

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JD 38 w/Heads
NH 890 w/2RW
NH Direct Cut Head
NH 27 Blower
JD 24T w/30 Ejector
JD 24T w/#2 Ejector
JD 7000, 4RN & 6RN Liquid
IH 4130 Skid Steer Loader
Bobcat 908B Backhoe
TL-20 Tractor Ldr 4WD w/1½ Yd Bucket
Pittsburgh 4B Plow
JD 88 Blade

JD 5460 Harvester Cab, Air, Dura-Drum Cutter Head 4RN 7' Hay Pickup

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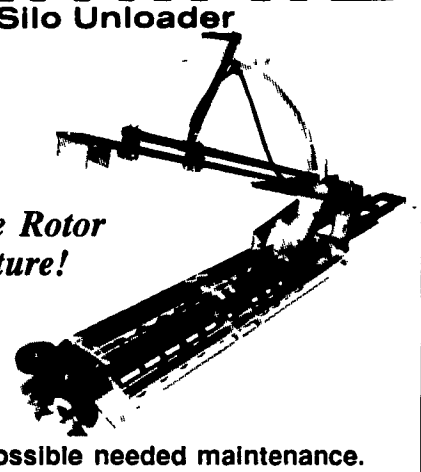

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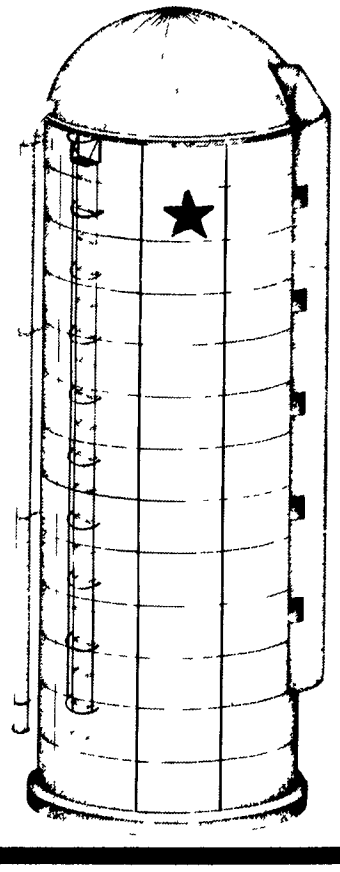

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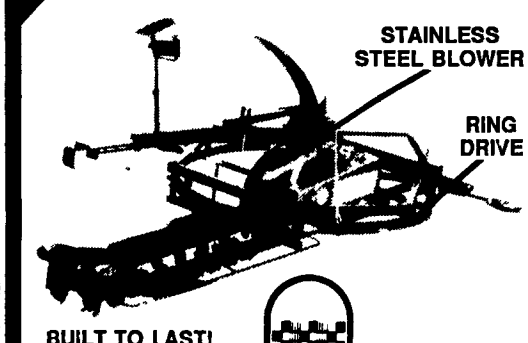

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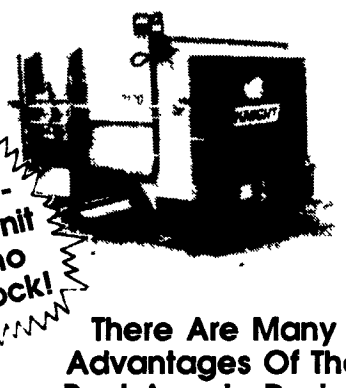

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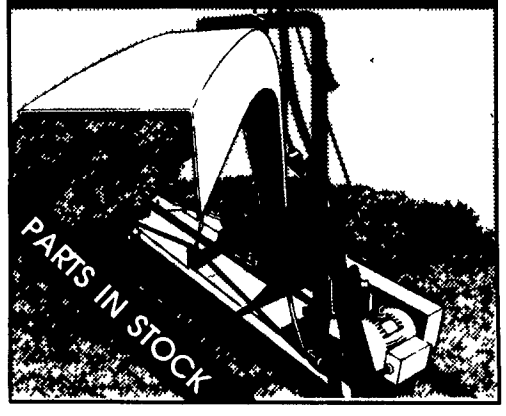

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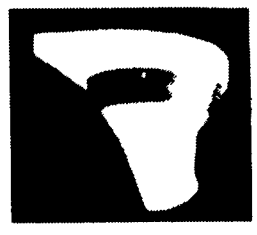

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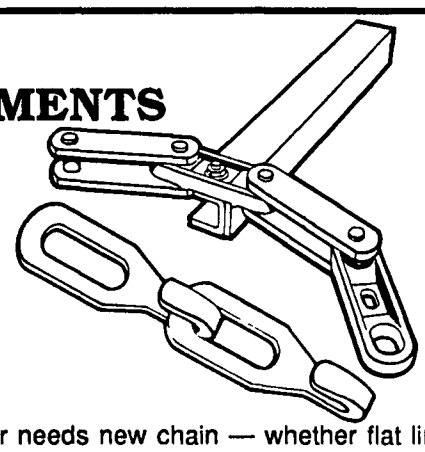

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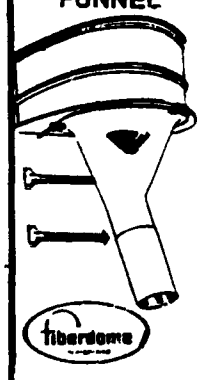

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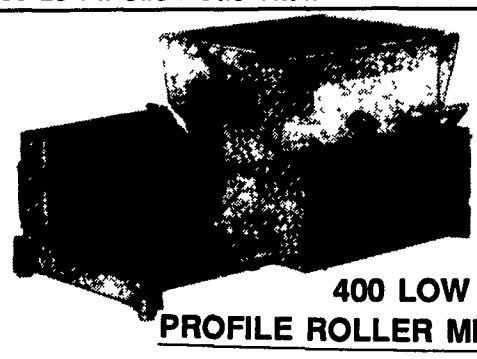

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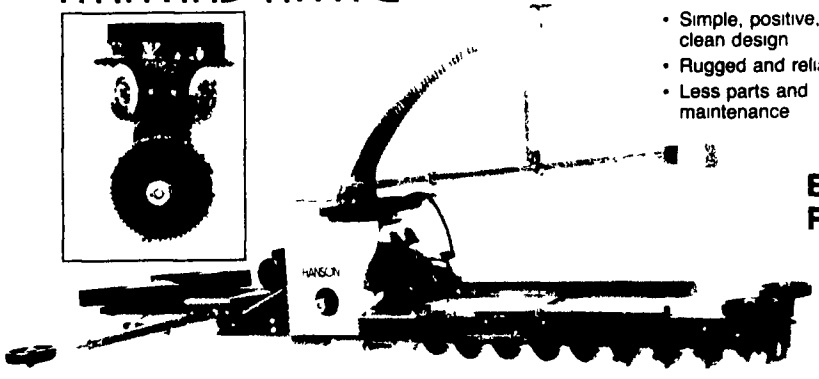

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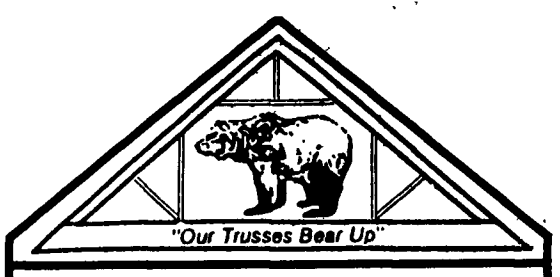

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102'
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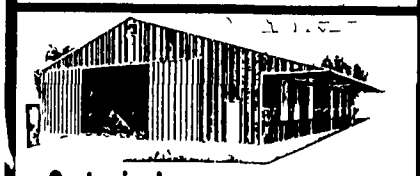
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450x40 Ft. Snavely built Chicken house, excellent condition, 3,200 ft. 1½ " beacon auger, with feeder pans every 24", 2000 drinker cups, drive units fans and motors, 12 ton sq. ft. bin, Big Dutchman chain feeder like new, Plasson waterers; Free: 30,000 sq. ft. 6" paperback insulation and ceiling board.

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Poxy Coat II is good for most roofs.
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Paul Brosey Contracting also does painting, barn restoration and roof replacement.

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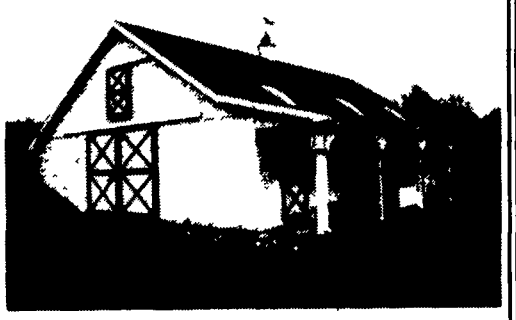

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Manufactured at the job site. Suitable for flatter roofs with 4 to 5 ft. perlin spacing and 80 lb. per sq. ft weight rating.

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AUTHORIZED DEALER FOR:
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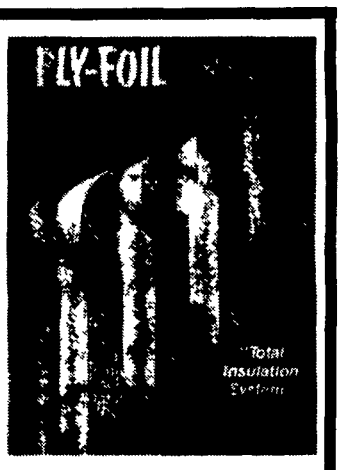
PLY-FOIL is a very efficient form of insulation. In application after application it has proven to be extremely effective at controlling heat gain/loss, thus significantly reducing heating and cooling costs. PLY-FOIL Insulation uses an aluminum foil to reflect up to 97% of the radiant heat.



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SBR IV ALL-SEASON PLUS

Premium performance at an economy price!

$39.00 P155/80R13

- Two tough steel belts for puncture resistance
- Polyester cord plies for smooth ride
- Even wearing tread for long life
- Maintains all-season capability for the life of the tire
- Distinctive sidewall styling for a premium appearance

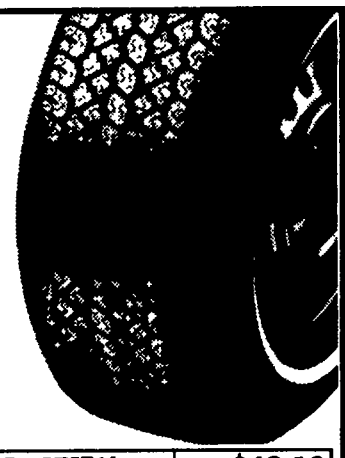
P165/80R13	$41.97	P195/75R14	$49.45	P215/75R15	$56.35
P175/80R13	$43.70	P205/75R14	$52.43	P225/75R15	$58.93
P185/80R13	$45.71	P205/75R14	$52.43	P235/75R15	$61.81
P185/75R14	$47.15	P205/75R15	$52.95		

SAFEMARK

ALL-SEASON E/R

STEEL-BELTED RADIAL

$29.00 P155/80R13



- All season tread design
- Two tough steel belts resist punctures
- Smooth riding polyester cord body plies

P165/80R13	$32.77	P215/75R14	$43.12
P175/80R13	$34.21	P205/75R15	$41.97
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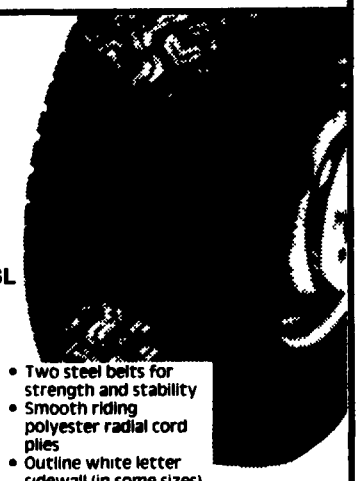
P185/75R14	$37.08	P225/75R15	$46.29
P185/75R14	$38.81	P235/75R15	$48.47
P205/75R14	$40.83		

SUPER SPORT RADIAL AT

ALL-POSITION LIGHT TRUCK RADIAL

$55.00 P195/75R14SL



- Excellent off-road traction and long even wear on the highway
- Isolated-element, full depth tread grips well wears evenly
- Wide flat footprint gives positive traction in all positions
- Two steel belts for strength and stability
- Smooth riding polyester radial cord plies
- Outline white letter sidewall (in some sizes)

P23575 R15 SL	$66.50	LT23585 R16 LRE	$103.00
LT23575 R15 LRC	$89.00	LT24585 R16 LRE	$106.00
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GARDEN TRACTOR BATTERY

$29.00

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- Rugged high impact case and cover for vibration resistance
- Increased starting power
- Built to last-season after season
- Made in the USA

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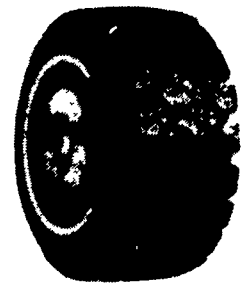

Whitewall Size	Sale Price
P155/80R13	$44.00
P165/80R13	$45.00
P175/80R13	$47.25
P185/80R13	$48.50
P185/75R14	$50.50
P195/75R14	$52.00
P205/75R14	$53.50
P205/75R15	$54.75
P215/75R15	$59.50
P225/75R15	$62.00
P235/75R15	$66.50
P235/75R15XL	$68.25

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- QUALITY
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A Proud Tradition of Quality, Value and Service.

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Bedford
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RD 2
Bedford, PA 15522
(814) 623-8129

Berks
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Shoemakersville, PA 19555
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Blair
Rhode's Farm Supply
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Williamsburg, PA 16693
(814) 832-2491

Bradford/Sullivan
Dacheux Service Center
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Dushore, PA 18614
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Histand Farm & Home Service
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Stoltzfus Farm Service
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Needmore, PA 17238
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Tatamy, PA 18085
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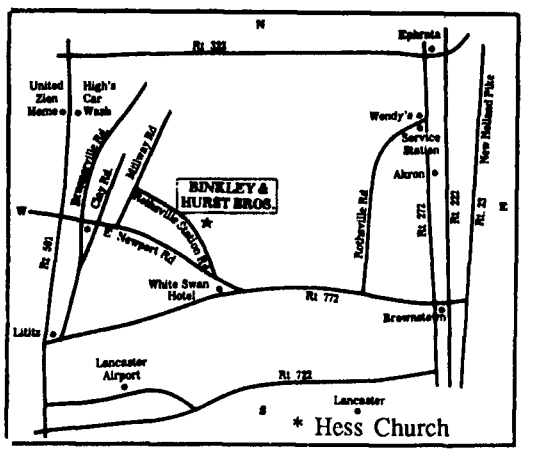


Invites You To Their Annual

DISCOUNT CASH & CARRY DAYS

Farmers - Contractors - Homeowners
Order Your Needs While The Savings Are Big!
BUY NEXT YEAR'S SUPPLY AT A SAVINGS
AND REDUCE THIS YEAR'S TAXES!
Buy Or Lease With Purchase Option!

WHEN?

Mon., Dec. 10th Through Mon., Dec. 31st

AND

Wed., Jan. 2nd Through Sat., Jan. 5th, 1991

OPEN

Monday Through Friday
7:00 AM to 5:00 PM
Saturdays 7:00 AM to 12:00 Noon
Monday, Dec. 24 - 7:00 AM to 3:00 PM

CLOSED - Tuesday, Dec. 25, 1990
Tuesday, Jan. 1st, 1991

Dear Friends,
It's house-cleaning time again, so take a little time and read the following pages. If it's not listed, stop in - we may know where to get it!

FREE REFRESHMENTS
Dec. 10th thru Dec. 22nd

WE APPRECIATE YOUR BUSINESS AND THE REFRESHMENTS ARE FREE!

CHECKLIST YOUR SUPPLY OF THESE ITEMS PLUS ANY PARTS YOU MAY NEED TO SAVE UNDER OUR

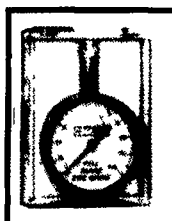
DISCOUNT SAVINGS PROGRAM

- ❒ Hundreds of combine parts
- ❒ Anti-Freeze
- ❒ Air, oil fuel, hydraulic filters for Case, International and other model tractors
- ❒ Paint in gals., quarts, and spray cans
- ❒ Seat covers
- ❒ Grease cartridges
- ❒ Cutting edges for many different widths & types of buckets discount good on cutting edges even if our shop installs them
- ❒ Starting Fluid
- ❒ Gasket sealer
- ❒ Batteries
- ❒ Toys
- ❒ Hoses, belts, thermostats
- ❒ Hitchpins & clevis
- ❒ Curved chisel plow shovels
- ❒ Moldboard plow parts
- ❒ Glencoe soil saver points shovels
- ❒ Disk harrow blades
- ❒ Hydraulic cylinders
- ❒ Head and work lights
- ❒ Engine block heaters
- ❒ SMV emblems
- ❒ Water pumps, tune-up parts
- ❒ Loctite products
- ❒ Pressure washers
- ❒ Seat assembly
- ❒ Water coolers (Igloo)
- ❒ Bolts by the pound

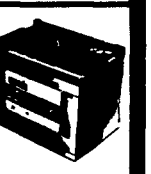
NOTICE: You'll Save On Our Entire Parts Inventory & On Paid Orders Of Parts Not Stocked. Special Discount On Harvester Knife Sets, Unadvertised Piston And Sleeve Sets, Lubricants, Pressure Washers, Seat Assemblies, Tillage Replacement Parts, Bucket Cutting Edges & Much More!

No Additional Discounts On Specially Priced Items.

Remember ...If The Part You Need Is Not In Stock We Will Order On Our Stock Order Program & You Will Still Receive Discounts For Orders Paid When Ordering. This Inlcudes All
- CASE • INTERNATIONAL HARVESTER
- CASE IH • KINZE • SUNFLOWER
- BETTERBILT • HUSKY

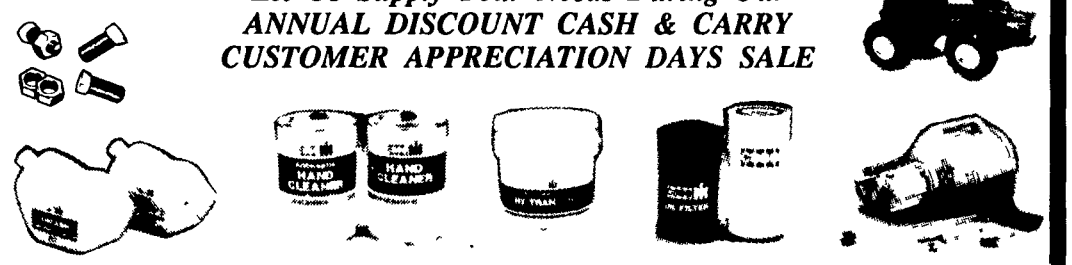


SHOP AT BINKLEY & HURST BROS., INC. FOR QUALITY PRODUCTS AT DISCOUNT PRICES



Oil & Filters, Powerwashers, Batteries, Seats, TA's, Paints, Bolts & Nuts, Hand Cleaners, Tire Gauges, Halogen Lights, Toys For The Children & Collectors, Etc.

Let Us Supply Your Needs During Our ANNUAL DISCOUNT CASH & CARRY CUSTOMER APPRECIATION DAYS SALE



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POTATO CHIPS

FREE Box Of Chips For All Customers Who Spend $100 Or More In Parts Or Machinery

Don't Forget To Ask For Your FREE 1991 CALENDAR (Supply Limited)

PARTS DEPARTMENT

All Customers Who Spend $65 Or More Receive A Pair Of Binkley & Hurst Long-Wearing Gloves

OR

1/64th Case IH Magnum Toy Tractor w/Loader

Till Dec. 24, 1990

All Items Subject To Prior Sale!

NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS

In This Day And Age Of Reformed Tax Structures You May Save A Lot of $ By Leasing Equipment From Binkley & Hurst Like Many Others Have!

Consider The Advantages Of Leasing:

1. Leasing Provides 100% Financing
2. Leasing Preserves Existing Credit Lines
3. Leasing Provides Another Source Of Credit
4. Leasing Conserves Working Capital
5. Lease Programs Can Provide Various Options At The End Of The Term- Examples:
   (A) Return The Equipment With No Further Obligation
   (B) Renew The Lease
   (C) Purchase The Equipment For 10% Of Original Invoice
6. Leasing Allows You To Pay For The Equipment With Further Profits And/Or Savings Generated By The Equipment
7. Leasing Provides Significant Tax Advantages, Enabling Payments To Be Deducted As An Operating Expense Over The Term Of The Lease
8. Leasing Plans Available For New And Good Used Equipment

Ask Your Binkley & Hurst Sales Rep For A Good Plan NOW! Subject To Credit Approval

Before You Buy, *GIVE US A TRY!*

And Thanks For Your Past, Current And Future Patronage!

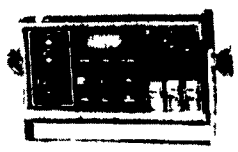
Sincerely,

The Staff At Binkley & Hurst Bros., Inc.

YEAR-END SPECIALS ON STATE-OF-THE-ART DIGITAL MONITORS DURING CASH & CARRY DISCOUNT DAYS!

Eliminates Guesswork From Your Crop Farming Operation

Complete Sprayer Control at an Affordable Price!



- Automatically Controls Flow
- Compensates for Vehicle Speed
- Monitors Spray Rate (GPA)
- Measures Volume Rate (GPM)
- Measures Gallons Applied
- Measures Speed
- Measures Area Covered (Acres)
- Manual Override for Spot Spraying
- Pressure Gauge on Console
- Individual Boom Control Switches
- Easy Installation
- Easy Calibration

Reg. $1,095.00 **DISCOUNT SALE PRICE** **$876.00**

REAP THE BENEFITS

Yield Trak Monitors four basic functions ground speed, acres harvested, bushels per acre and total bushels harvested The bushels per acre function is divided into two counters with independent resets, so you can pinpoint yields with each tank-full or measure an entire field

Reg $365 00

DISCOUNT SALE PRICE **$296.95**

CALC-AN-ACRE COUNTER

Calc-An-Acre is a state of the art acre counter that accurately calculates and displays acreage with the touch of a button It incorporates a dual counting system that makes it possible to reset and record individual fields while maintaining a running total of area worked CALC-AN-ACRE is also a digital speedometer that provides true ground speed

Reg $199 00

DISCOUNT SALE PRICE **$159.20**

ULTRASONIC GROUND SPEED SENSOR

Measures true ground speed - eliminates errors due to wheel slippage. Measures forward & reverse motions.

Reg $430.00

DISCOUNT SALE PRICE **$344.00**

Performance+...THE CLEAR PICTURE

The Performance+ monitor provides an exact readout of your wheel slip percentage and flashes a warning whenever your tractor exceeds a maximum acceptable limit It also immediately and accurately shows you the effect of any corrective ction — shifting gears, changing tire configuration, ballasting, tractor/implement matching, etc.

List $325.00 **DISCOUNT SALE PRICE (1 Only)** **$240.00**

1 Piece SOIL SAVER SHOVEL

4"x½ "

List Price ..... ~~$11.95~~

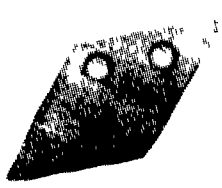
DISCOUNT SALE PRICE **$10.25**

TWISTED CHISEL SHOVELS

3"x½ "x22"

List Price ..... ~~$8.10~~

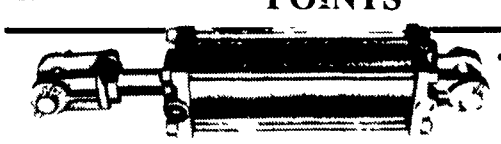
DISCOUNT SALE PRICE **$6.98**



CHROME ALLOY SOIL SAVER® POINTS

Heavy Duty, Long-Wearing

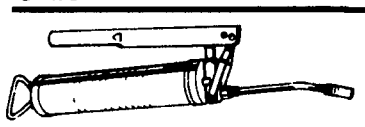
SPECIAL $10.15



3"x8" HYDRAULIC CYLINDER

- 3" Tie Rod • 12" Shaft

DISCOUNT SALE PRICE $39.95



GREASE GUN

DISCOUNT SALE PRICE **$7.75**

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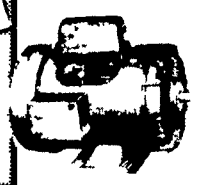
World Leaders In Helmets That Protect Lungs, Eyes & Skin Against, Pesticides, Dusts, Moulds And Spores

Model	Application	List	Sale
K80S-T1	For protection when spraying pesticides in orchards and fields. Tractor (12-Volt) powered.	$509.00	**$483.55**
K80S-T5N	For Greenhouse and Nursery use. Battery powered. NIOSH approved.	$519.00	**$493.05**
KOMPAT 6	For use in dusty farm and industrial buildings- battery powered.	$434.00	**$412.30**

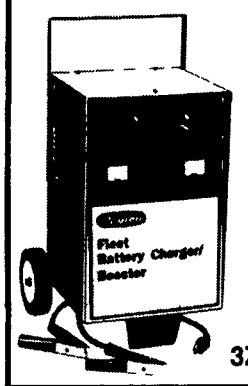
"DAYTON" Totally Enclosed Fan Cooled Farm Duty Electric Motors



	List	Sale Price
½ HP-6K710	$106.58	**$87.95**
½ HP-6K714	$113.07	**$91.35**
¾ HP-6K719	$134.20	**$108.00**
1 HP-6K727	$144.35	**$115.00**
1½ HP-6K740	$190.77	**$157.10**
2 HP-6K313	$240.95	**$198.45**
3 HP-6K610	$294.87	**$242.83**

	List	Sale Price
5 HP-6K883 (Hi Torque)	$430.81	**$354.79**
7½ HP-6K969	$538.01	**$443.10**
10 HP-6K885 (Hi-Torque)	$700.30	**$576.72**

DAYTON BATTERY CHARGERS



Reg. $114.42 **SALE $99.95**

2Z556

Reg. $139.50

SALE $126.20

3Z991

CHORE GLOVES

Warm & Long Wearing Cotton Flannel Glove. Snug Fitting Knit Wrist

3 For $3.90

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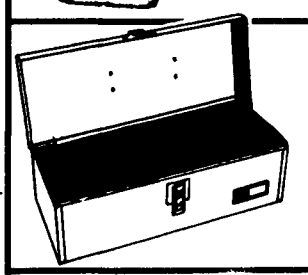

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SALE PRICES

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- HT 5328 Slat For Gehl ..... **$8.85 ea.**
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(Plus An Additional 5% Off On Complete Assemblies)

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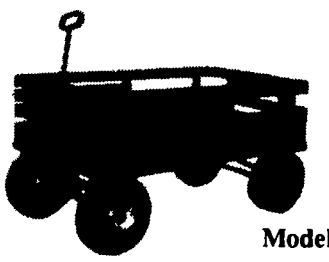

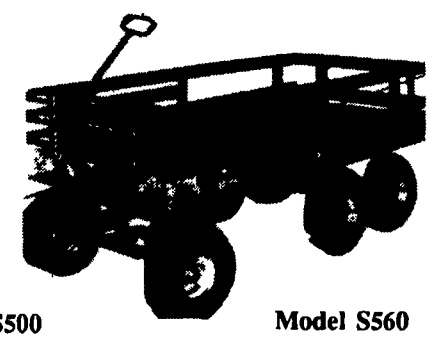

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SEE US FOR ALL YOUR PUMP AND ACCESSORY NEEDS

MEC 8000 Pump
240 CFM @ 15" HG
Call For Special Options & Price!

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SALE $69.95

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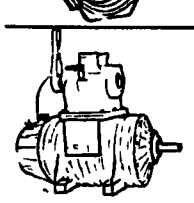
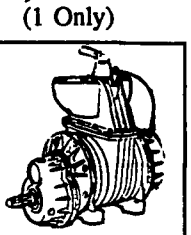


M-10 1000 RPM 120 CFM @ 15" HG
List $1,800
SALE
$1,175.00
(1 Only)

PBJ3
540 RPM, 70 CFM @ 15 HG
List $995
SALE $475
While Supply Lasts!



2250 PSI 3/8"x20' PRESSURE WASHER HOSE w/Crimped Ends

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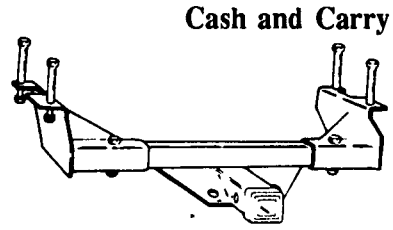

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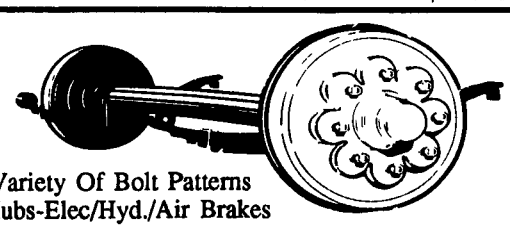

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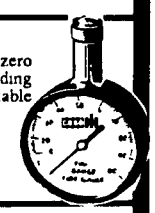

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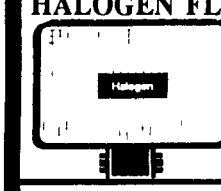

ZAA718980 4"x6'
Sale Price **$17.20**
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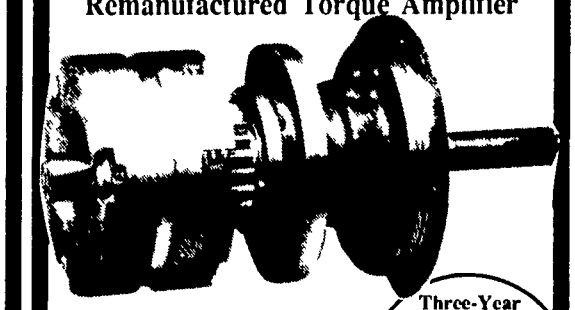

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A Case IH Remanufactured torque amplifier assembly can go a long way toward restoring original performance to your tractor In an older tractor, it may even increase load carrying capacity
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Prices based on receipt of an acceptable core

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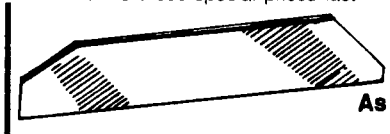
PARTS VALUE OF THE MONTH

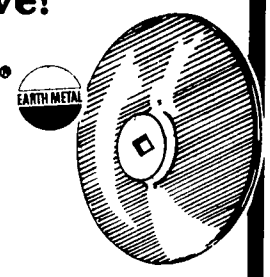
Sharpen Up Now For Spring And Save!

Now's your chance to get in shape for spring tilling and take advantage of special savings This month we're offering Down to Earth prices on an assortment of quality Case IH tillage parts, including disk blades, moldboards and shares See us while these special prices last!



Plow Shares
As Low As $6.75

Case IH Earth Metal® disk blades
As Low As
$10.75
For 22" 4.5 mm Crimped Center Blades- 472218R1X



Down to Earth Tillage Parts Sale

SAMPLE SPECIALS ON EARTH METAL® TILLAGE:

MOLDBOARDS	SALE
96000C1	$54.10

SHARES	
16" Reg....463240R1	$6.75
16" H.D. ..463236R1	$9.40
18" H.D. ..463237R1	$9.42
16" D.S. ...463252R1	$9.75

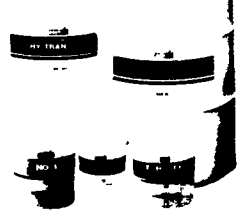
SHINS	
132001C1	$8.98

DISC BLADES	SALE
20"/7 ga ...30922R1X	$9.25
22"/7 ga. Crimped Ctr. 472218R1X	$10.75
20"/7 ga. ..998809R1X	$9.50
20"/7 ga. Crimped Ctr. 482973R1X	$14.58
22"/¼ "....1132171R2	$23.95
24"/¼ "....998865R3	$29.34
24"/5/16"..2804227R2	$40.76

Earth Metal® Moldboards
Case IH moldboards are tougher stronger and longer lasting
For rocky soil use the Case IH XT (Xtra Tough) moldboard Part No 96000C1

List $86.85

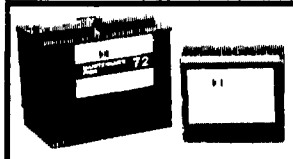
SPECIAL $54.10



YEAR END SPECIALS ON QUALITY CASE IH LUBRICANTS — Stock Up Now And Beat Future Lubricant Price Increases Which We Are Receiving From Our Supplier Due In Part To The Unrest In The Middle East.

ALL OTHER LUBRICANTS ALSO ON SALE DURING OUR CASH AND CARRY DAYS!

SAMPLE SPECIALS:	SALE PRICE
#1-30-55 Gallon	$230.46
#1-30-5 Gallon	$24.75
Hytran Plus-55 Gallon	$237.85
Hytran Plus-5 Gallon	$25.20
TCH Trans/Hyd.-5 Gallon	$24.95
TCH Trans-55 Gallon	$227.65
Low Ash 30-5 Gallon	$26.60



Need A Fast Start Everytime? Cranking Power You Can Count On With Quality Case IH Batteries For Your Car, Truck & Farm Equipment.

We May Have The Battery You Need — Special On All In Stock!

	List	SPECIAL
12V, U1, 235CCA, BPU1	$41.10	$36.99
6V, 3EH, 830CCA, BPR3EH	$69.66	$62.69
12V, 24, 420CCA, B2450	$53.65	$45.60
12V, 24, 580CCA, B2472	$61.31	$55.18
12V, 30H, 625CCA, BHC30	$80.34	$72.31
12V, UNV, 550CCA, BUNV7*	$66.55	$59.90
6V, 1,625CCA, BCM1	$48 45	$43.60
12V, 31,700CCA, BMF31H	$87.27	$78.54

12V, 74,600 CCA, B7472* List $66.48- **$59.85**

12V, 70,450 CCA, B7072* List $58.16- **$52.35**

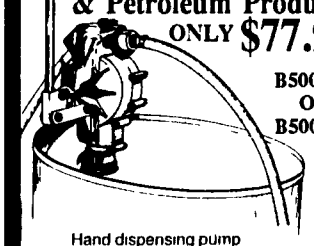
*** For Cars & Trucks. Side Post**

Case IH Top Quality Enamel Cans- Restore Factory Finish To Your Equipment, As Well As Form A Tough Protective Shield To Stand Up During Tough Working & Weather Conditions.

Aerosol: As Low As $3.79 Qts: $7.69
Gallons: $23.49

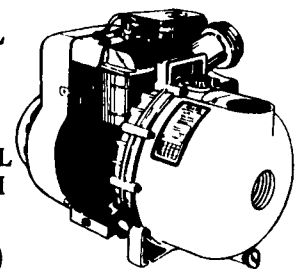
ALL PURPOSE PUMPS & PRESSURE WASHERS

HAND DISPENSING PUMP For Chemical & Petroleum Products
ONLY **$77.99**
B500125 Or B500126



Hand dispensing pump

GENERAL PURPOSE PUMP
Model SE1.5 PL
3 HP, 78 GPM
ONLY
$180.00
#B500121

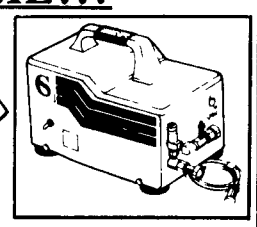


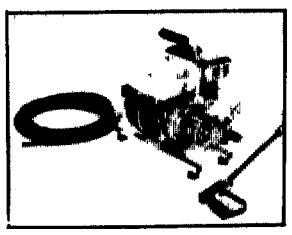
Pacer centrifugal plastic pump

IT'S CLEAN-UP TIME!!!

HOMEOWNER ECONOMY MODELS
1000 PSI-2.2 GPM — 110 Volt — Trigger Gun & 20' Of Hose Standard. Makes A Nice Gift For Dad!
PRICES START AS LOW AS **$375**

Clip This Ad & Get An Extra $10 OFF A B90991 Or B90992 PSI Washer

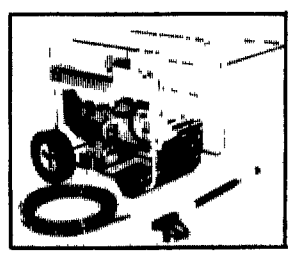




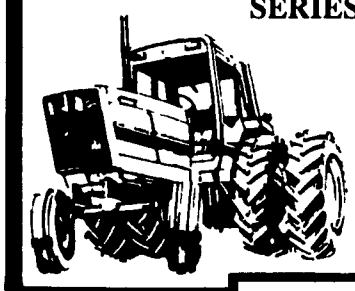
HANDI-BLASTER
2000 PSI — 2.7 GPM
5 HP Honda — Save Water, Destroy Crud, Clean Your Assets While You Save On Investment!
B504118
ONLY **$975**

MASTER SERIES!
Built To Master Any Job — Paint Stripping, Water Blasting, Sand Blasting. DO BIG JOBS — GET BIG SAVINGS. 3000 PSI - 4.5 GPM
Electric B500386 Or Gas B91323

List	SALE	List	SALE
~~$2,916~~	$2,365	~~$2,588~~	$2,099



NEED AN ENGINE OVERHAUL ON THAT IH 66 Or 86 SERIES TRACTOR w/D414, DT414, D436 OR DT436 ENGINES?



KIT INCLUDES:
- Sleeves & Pistons
- Crankshaft Bearings
- Head Gasket Package
- Oil Pan Package

NOW IS THE TIME TO BUY THAT KIT
List $983.31 ONLY $756.00

PARTS VALUE OF THE MONTH

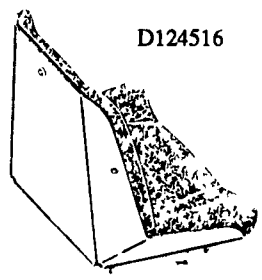
SAVE NOW... Replace Those Worn-Out Seats And Seat Cushions With Quality Seats From Case IH

Seat w/ Mechanical Suspension
ZSA6173
List $437.69
SALE **$372.00**
Fits International & Case Applicator

Seat Assembly
ZSA6175
List $174.98
SALE **$148.75**
Fits Many IH Tractors

LAWN & GARDEN SEAT
For Cub Cadet and other popular makes. Has universal mounting bolt pattern and 18 gauge steel pan. Molded vinyl cushion is self draining.
ZSA7768102
$32.97

Case Uni-Loader Seat Assembly
D124516



SALE PRICE **$101.00**

Try The Comfort Of This AIR SUSPENSION SEAT

Z5A9227
One Only
List $898.88
SALE **$725.00**

Mechanical Suspension Seats
ZSA8672

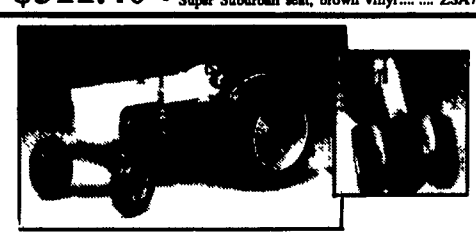
Complete drop-in replacement for IH 74, 84, and 85 Series tractors.
List $349.88
SALE **$311.40**

SUPER SUBURBAN SEAT- GENERATION II

SALE **$69.75**

For garden tractors, lift trucks, hydraulic cranes, loader- backhoes, skid steers, rollers, compactors & industrial sweepers. Features human-engineered contours for optimum shape & comfort. Some mounting adjustments may be necessary for installation in some equipment. Seat 17 8 inches high, 21 6 inches deep, 18 3 inches wide.
Super Suburban seat, black vinyl..... ZSA8069
Super Suburban seat, brown vinyl..... ZSA7765

PLACE YOUR ORDER NOW FOR THE LIMITED EDITION INTERNATIONAL 966 & 1066 SERIES TRACTORS
Available On The Above Dates **$31.95** Each



SPECIAL EDITION CASE 800
Features: Collectors Insert, Wide Front End, Collectors Carton
Limited Amount Available
Place Your Order Now- **$39.95** Each

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Mon.-Fri. 7 AM - 5 PM
Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

Located ½ Mile North of Rothsville
(717) 626-4705

After Closing Hours Only:
Emergency Parts Dept.: 717-626-0885
717-626-5159 717-859-8768

case ih

EAGER BEAVER 10HA 10 TON AIR BRAKES

w/22' Deck w/8.75x16.5 Tires

20 Hal x Air Brake 20 Ton Capacity, 24" Deck By 8'6" Wide
215/75R17.5 Low Profile Tires, 34" Deck Height

9 DOW 18,000 Capacity		9HDB Dual Tandem Trailer w/22' Deck 8.75x16.5 Tires 18,000 Capacity
Over All Length	26'6"	
Over All Width	96'	
Deck Length	20'	
Tires	8.00x14.5	

20 TON HEAVY AIR BRAKES LO-PROFILE 20HAL

Capacity: 40,000 lbs. at Highway Speed
Trailer Weight: 7,050 lbs.
Overall Length: 27'6"
Overall Width: 96"
Deck Length: 22'
Deck. Width: 96"
Deck Height: 34"
Tires: 215/75R 17.5(H)

35 TON DETACHABLE GOOSENECK/STRAIGHTBACK

IN STOCK

35GSL/S4S

Eager Beaver

Capacity: 70,000 lbs. at 40 MPH
Trailer Weight: 15,000 lbs.
Overall Length: 42'11"
Overall Width: 102"
Deck Length: 22'
Deck Width: 102"
Deck Height: 26"
Tires: (8) 255/70R22.5

Looking For A Used Flat Bed?

We Have An Air-Ride 48 Foot Spreed Axle With Bulb Head And Apitongue Floor

Used In Our Own Fleet - Maintained & Reconditioned 1972 Fruehauf -

Only ~~$8,900~~

Get A Super Lease With Purchase Option Deal & Let Your Taxes Pay For It!

MAKE OFFER AND BECOME THE OWNER OF THIS FLEET-MAINTAINED AIR RIDE TRAILER!

133 Rothsville Station Road
Lititz, PA 17543 (717) 626-4705
SALES - SERVICE - PARTS
Located ½ Mi. North of Rothsville

BINKLEY & HURST BROS. INC.

Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM-11:30 AM Sun. Closed - Lord's Day

After Closing Emergency Parts Dept.: 717-626-0885 717-626-5159 717-859-8768

NEW CASE IH HAY EQUIPMENT

(1) Only 2 New Case IH Model 600 Forage Blowers In Stock At Old Prices

(2) All New Case Model 960 Ground Drive Left Hand Side Delivery 9'6" Rake, Gear Box Drive (No Belts) NC 3520 Cash & Carry Price.....$2,980

(3) Model 8730 Forage Harvester 90 to 250 HP Capacity With 2 Row Corn Head and 84" Hay Pickup At Super Low Price! Don't Miss It

(4) Case IH 9 Foot Pull Type Mower Conditioners Model 8330

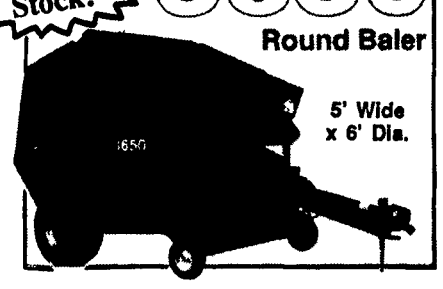
(5) Case IH 3 Pt. Disc Mowers 5'6" Cut And 7'10" Cut

(6) Pull Type 9'3" Disc Mower Conditioner, 1 Only At Special Low Price!

(7) Case IH Horse Drawn Model 8520 Square Baler With Engine
Case IH 8520 Square Baler Without Thrower And With Thrower
Case IH 8530 Square Baler With Thrower
Case IH 8545 Square Baler With Thrower

In Stock!

3650 Round Baler



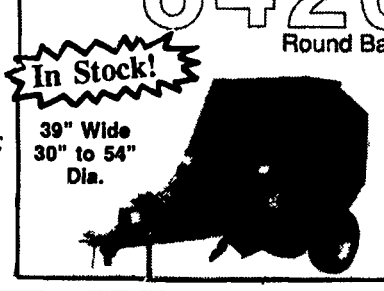
5' Wide x 6' Dia.

(8) New Case IH Round Balers In Stock At Year-End Clearance Prices!

SPECIAL PRICE ON DEMO. UNITS!

8420 Round Baler

In Stock!



39" Wide 30" to 54" Dia.

NEW CASE IH TRACTORS IN STOCK

- Model 235 18 HP
- Model 275 31 HP AWD
- New Model 495 2 WD and AWD
- Model 685 2 & 4 WD 62 HP, ROPS
- Model 685 AWD w/Cab 62 HP
- Model 695 AWD w/Loader 62 HP
- Model 885 2WD
- Model 2096 120 HP AWD
- Model 7110 Magnum 2 Wheel Drive 130 HP
- Model 7110 Magnum AWD 130 HP
- Model 7130 AWD 170 HP

SAVE MONEY ON CASE IH TILLAGE AT CASH & HAULAWAY PRICES

(1) New Case IH Model 5700 3 Pt. Mounted Chisel Plows, 3 Rank 7 Shank With 3" Twisted Shovels Only, NC3316 - NC3314 Save Big ~~$2063~~ Cash & Carry Haul Away Price Only .....$1,763 Cash

(2) Model 5700 3 Pt. Mounted 9 Shank NC3125, 1 Only.....$2,246

(3) New Case IH Model 475 Transport Disk Harrow 12 Foot Cut, 32 Disks, 9" Spacing, With Lift Cylinder, Factory List Price Over ~~$6,800~~ Save $2,000 And Towaway Now For Only.....$4,790

(4) New Case IH Mounted 720 Semi-Mounted Plow 4-18" Spring Auto Reset With 20" Spring Cushion Ripple Blade Coulters, NC3358 - Ready To Haul Away.....$6,980

(5) New Case IH 6500 Coulter Chisel 9 Shank Conser-Til With 11 Ft. Working Width And Hydraulic Trash Slicing Coulters That Can Be Raised When Not Working In Trash, Factory List Price Over ~~$9,000~~, Get A Super Cash Or Lease Towaway Price Of Only.....$5,980 1 Only

(6) Row Crop Cultivators -
- 3 Pt. Model 183, 4 Row Adjustable From 28" To 40" Rows, 21 Vibra Tine Shanks, w/Storage Stands, Buy Unassembled - ~~$1,990~~.....$1,900
- 3 Pt. Model 183, 6 Row Adjustable From 28" To 30" Rows w/31 Vibra Tine Shanks & Storage Stands, Buy Unassembled - ~~$2,600~~.....$2,500

Stop And See The All New Model 184 Minimum-Til Cultivator 4 Row With Cushion Clamp Shanks, Weight Over 2298 Lbs. Completely Assembled And Ready For Your Barn At A Special Cash & Haul Price!

(7) New Case IH Model 181 Rotary Hoe 3 Pt. Model, 15 Foot With 52 Spider Wheels, Well Built.....Only $2,750

OTHER NEW CASE IH MISCELLANEOUS YEAR END CLEARANCE SPECIALS

(1) New Case IH 3 Pt. 60" Model 60RS Finish Mowers With Gauge Wheels, Only 2 Left.....$1,190 Each

(2) Only 1 Left Over, New Case IH Model 72RS 3 Pt. Finish Mower 72" Cut With Gauge Wheels.....$1,240

(3) 1 Only, Case IH Model 54F Front Mount Dozer Blade For Case IH 235 Tractor, 54" Wide With Angle Position, And Hydraulic Lift Was ~~$950~~ Cash & Carry Special.....$580

(4) New Case IH 3 Pt. Rota-tiller, 540 PTO, Shear Pin Protected, Model T152 at 52" Width With Actual Tilling Depth Of 49" NC3446.....$1,290 1 Only

(5) New Case IH 3 Pt. Rear Mount Rota-Tiller, 540 PTO, Slip Clutch Protected Model T160 With 57" Tilling Width, NC3567, 1 Only.....$1,395

(6) New Case IH 235 Diesel Tractor, 2 Wheel Drive, 18 HP, With 3 Pt. Hitch, PTO, Hydrostatic Drive, Ag Tires, Was ~~$6,900~~, Cash Haul Away Price.....$5,600

(7) New Case 235 4x4 Diesel 18 HP Tractor With Turf Tires And Hydrostatic Drive NC3312.....$7,700

(8) New Case IH 235 2 Wheel Drive, 18 HP Tractor With Turf Flotation Tires, 3 Pt. Hitch, Mid Mount 60" Mower, Buy Complete Unit.....$6,890 Or Best Offer!

BINKLEY & HURST BROS., INC.
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Located ½ Mile North of Rothsville
(717) 626-4705

case IH

PARTS VALUE OF THE MONTH

Make It A Special Holiday With Sturdy TOYS From Your CASE IH Dealer

Authentic 1/16-scale Case 580E Loader/Backhoe

NOW ONLY $21.85

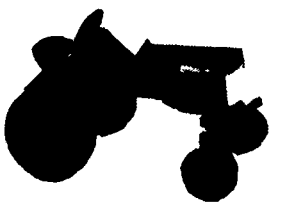
Authentic 1/16-scale Case International 7130 Tractor

Reg. $28.49

NOW ONLY $27.12

Authentic 1/16-scale Case International 900 Planter

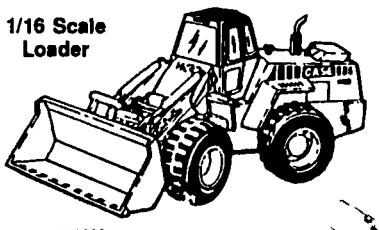
NOW ONLY $17.95



1/16-Scale Farmall Cub

NOW ONLY $15.20

1/16 Scale Loader



NOW ONLY $26.60

1/16-Scale Vintage 1 PR Picker

NOW ONLY $15.84

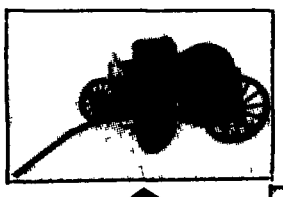
ZFN403AO Plastic Ride On

NOW ONLY $19.23

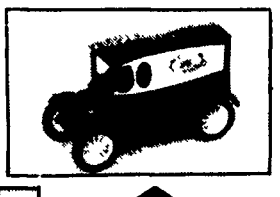
Come In And See Our Big Display Of Case IH Farm & Construction Toys - Special Prices On All Toys In Stock Til December 31, '90

ANTIQUES IN MINIATURE

New Additions Pictured



IHC Buckboard Wagon ZSM718* $13.87

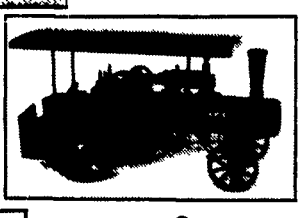


Case Buckboard Wagon ZSM717* $13.87

IHC Model "H" Motor Truck Bank ZSM716* $10.14

Case 12-25 Kerosene Tractor ZSM715* $38.00

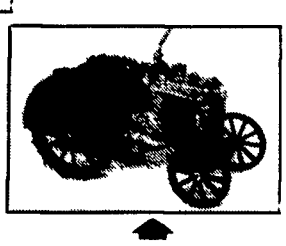
PARTS VALUE OF THE MONTH



1/16 1915 Case Steam Engine w/Canopy ZSM712* $87.48

1/16 1920 International 8-16, ZSM714 - $19.64

19"x15" Eagle Plaque ZSM708* $35.48



1/16 1919 Case 15-27 ZSM713* - $36.74

Not Pictured - Current Models

- 1/16 1915 Case Steam Engine, ZSM701 - $81.05
- 1/16 1912 IH Titan, ZSM702* $50.66
- 1/16 Case 20-40, ZSM703 $56.66
- 1/16 1914 IH 8-16 Mogul, ZSM704* - $30.40
- 1/16 1916 IH 10-20 Mogul, ZSM705* - $35.46
- 1/16 IH Titan, ZSM706* - $30.40
- 1/16 McCormick Deering 10-20, ZSM707* - $30.40
- 1/16 12-15 Mogul, ZSM709 - $36.74
- Case 9-16 Gas Tractor, ZSM710- $31.68
- 1/64 1915 Case Steam Engine, ZSM761 - $5.06
- Combo. 1/64 Set Of 1915 Steam Engine & 1915 Case Threshing Machine - ZSM763 - $8.55
- 1/64 1915 Case Steam w/ Canopy. ZSM764 - $6.53

* Temporarily Out Of Stock - Special Prices Will Apply To Orders Received & Paid During Sales Days

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case IH

When Purchasing a New Tractor, You Need To Consider Case IH Tractor Technology Leadership and Binkley & Hurst Bros. Inc. for Years of Tractor Experience.

MAGNUM: field proven, fuel efficient tractors with 18 spd. power shift transmission

5 YEAR WARRANTY

7110 - 130 HP, 2 WD & 4 WD
7120 - 150 HP, 2 WD & 4 WD
7130 - 170 HP, 4 WD & 2 WD
7140 - 195 HP, 4 WD & 2 WD

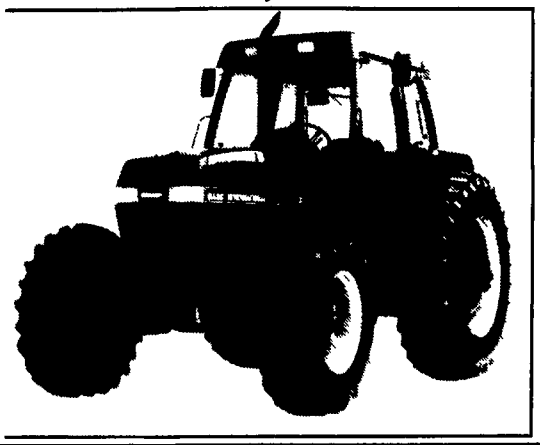
MAXXUM: the tractor that wasn't just built for farmers, it was built by farmers...

5 YEAR WARRANTY

5120 - 77 PTO HP
5130 - 86 PTO HP
5140 - 94 PTO HP

Available In 2 WD Or AWD | *Cab or ROPS*

Powershift Or Full Sychro Gear



JUST ARRIVED!

All Wheel Drive
- 120 PTO Horsepower
- 12 Speed Powershift Transmission
- Mechanical Front Drive Option

CHECK THIS ONE & TRY IN YOUR FIELD!

CASE IH MODEL 2096 TRACTOR

SEE BINKLEY & HURST BROS. NOW FOR A SUPER DEAL!

TOWAWAY PRICE SPECIAL!

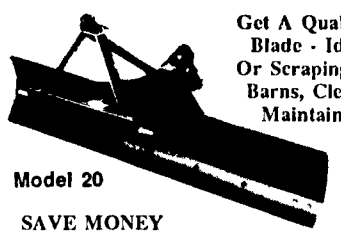
Chop Your Corn Stalks!

MODEL 60 FLAIL SHREDDER

Pull Type, Cutting Width: 170'
With Shear Angle
Dual Wheels With
4 New Tires -

SPECIAL ~~$6,450~~
1 Only $5,980 F.O.B. Price!

CLEARANCE SALE! 10% OFF!



Get A Quality Case IH 3 Pt. Blade - Ideal For Pushing Or Scraping Manure Out Of Barns, Cleaning Snow And Maintaining Driveways!

Model 20

SAVE MONEY

Model 11, 5 Ft.
Model 15, 6 Ft.
Model 20, 7 Ft.
Model 30, 8 Ft.

STOP IN & GET SUPER YEAR-END SAVINGS NOW!

Open The Ground & Let The Water In With A **CASE IH MODEL 10 SUBSOILER CHISEL.** Rugged V-Frame & Parabolic Curved Shanks Give You Easy Pull & Soil Fracturing Advantages Shanks & Gauge Wheels, NC3496 & NC3497

8'3" Frame w/5
~~$2,970~~ Each F.O.B.
Deduct $300 Cash & Carry Discount & Pay Only $2,690

NEW DEMONSTRATOR AT SPECIAL YEAR-END SAVINGS!

New In-Line Case IH Baler

In Stock - Ready For The Horses. Model 8520 Requires Less Power Than Most Conventional Balers.

CLOSE-OUT CLEARANCE SALE!

IN STOCK NEW Case IH

3 Pt. Sickle Mower, 7', 13 Balanced-Head Mounted Mower -

$2,650 F.O.B.

CLOSE-OUT CLEARANCE SALE!

CASE IH 3 PT. DISC MOWER CONDITIONERS

IN STOCK-PICK YOUR SIZE:

- 4 Disc 5'6" Cutting Width - **$2,997**
- 6 Disc 7'10" Cutting Width-**$3,950**

SPECIAL OFFER ON A NEW CASE **1845C UNILOADER, 60 HP - GET A $1800 REBATE, Plus More**

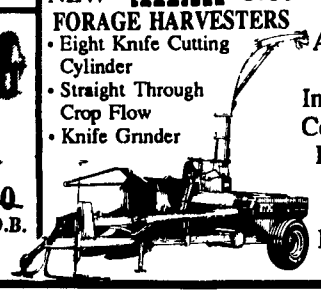
With Quick Coupler Bucket Attach, Lights 12:00x16.5 Tires

Don't Miss This Time-Limited Offer!

NC3151 - NC3197

1845C Uni-Loader® Skid Steer

NEW Case IH 8730 FORAGE HARVESTERS
- Eight Knife Cutting Cylinder
- Straight Through Crop Flow
- Knife Grinder



Received At Old Lower Price So Get A Super Cash & Carry Deal! In Stock With 2 Row 30 Corn Head And 84" Hay Pickup. 1000 RPM To Handle From 90 To 250 HP - Reversible Feed Rolls & Lots Of Other Nice Features!

SELECT THE SAVINGS PLAN FOR THE EQUIPMENT YOU NEED:

Your options: **85, 95, 96 and 5100 Series Tractors**
- Waiver to 4/1/91, if purchased by 12/31/90
- Low-rate financing up to 60 months
- Cash discount in lieu of above

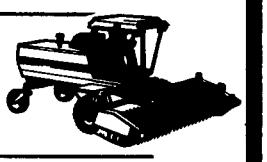
MAXXUM™ "First Care Kit" Package

MAXXUM tractors purchased new between 9/1/90 and 12/31/90 will be accompanied by a MAXXUM First Care Kit containing key maintenance items including fuel filter, engine oil filter, transmission oil filter, Systemgard® engine oil analysis kit, Systemgard transmission oil analysis kit, and fluid replacement coupon.

7100 Series MAGNUM™ Tractors

Your options:
- Waiver to 4/1/91, if purchased by 12/31/90
- Low-rate financing up to 60 months
- Cash discount in lieu of above

Hay and Forage Equipment



Your options:
- Waiver to 5/1/91, if purchased by 12/29/90
- Low-rate financing up to 60 months
- Cash discount in lieu of above

Planting/Seeding and Soil Preparation Equipment

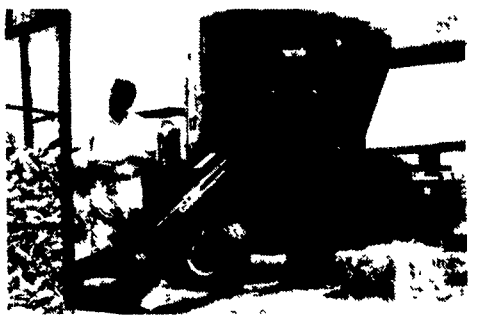
Your options:
- Waiver to 4/1/91, if purchased by 12/31/90
- Low-rate financing up to 60 months
- Cash discount in lieu of above

Used Equipment

Your options:
- Interest waiver to 4/1/91 on tractors

GET A BIG CAPACITY CASE IH GRINDER MIXER FOR LESS THAN MOST COMPETITIVE BRANDS!

New Case IH Model 1350 With Digital Scales - In Stock And Ready To Grind!



Big New 150 Bu. Capacity With Scales & Other Fine Features -

21" Hydraulically Driven Auger Feed, 2 Screens, Large Flotation Tires

It Can Grind Up To 120,000 Lbs. Of Shelled Corn Per Hour With Its Large 26" Mill

Also- Case IH Model 1250 Grinder Mixer, 105 Bu. Capacity w/ 20" Mill (1) In Stock w/Scales - (1) In Stock w/No Scales

Prices Are Too Low To Advertise - Come In & Deal Now!

HANDLE HAY YOUR WAY

Case International 8330 Mower Conditioners

Case IH Quality In Stock - 9 Ft.

Do changing crop conditions slow your hay harvest? Then look into the versatile Case International 8330 Mower conditioners They're high output producers that let you easily select the right conditioning action - aggressive for stemmy crops, gentle for valuable leafy hay

Both models also offer
- Full-length engaging conditioner rolls
- Adjustable shields for making various size windrows or full-width swathing
- 1700 spm sickle speed for clean, fast cuts
- Half-swaybar sickle drive for less maintenance

Come in and get the details!

SPECIAL FINANCING AVAILABLE!

CASE IH 275

Walk-Through Platform

Tilt Head For Easy Service

540 PTO And 3 Pt. Hitch

All Wheel Drive

31 HP 3 Cyl. Diesel

Check the long list of productive features:

Synchronized 9-speed transmission live PTO MFD option standard differential lock Category I 3-point hitch with position control a full complement of dash mounted gauges and indicator lights hand and foot throttles maintenance-free battery full lighting system including optional rear work light extra-padded suspension seat front and rear add-on weights power steering standard with MFD (2WD option) The quality and reliability that owners have learned to expect from big Case IH tractors will also put 200 Series models up front in compact tractor performance

Stop at your Case IH dealer today for a test run See for yourself how the built-in advantages of a new 275 can give you more tractor for your money

Come On In - Let's Make A Deal - No Reasonable Offer Refused.

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

Mon.-Fri. 7 AM - 5 PM;
Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

Located ½ Mile North of Rothsville

(717) 626-4705

After Closing Hours Only:
Emergency Parts Dept.: 717-626-0885
717-626-5159 717-859-8768

Case IH

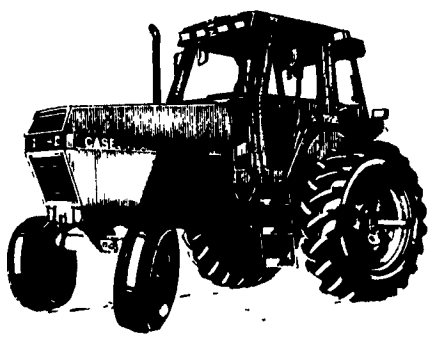
GET A SUPER YEAR-END DEAL AT BINKLEY & HURST ON CASE IH BALERS IN STOCK- *Come In & Deal!*

Case IH Balers Straddle Windrows The Same As Round Balers Do - They Really Work!

Look At The Transport Width- Safe & Easy For Highway Transport

		8520	8530	8545
Models In Stock:				
Baler Dimensions:	Length w/bale chute	17 ft.	17 ft.	17 ft.
	Length w/bale thrower	20 ft.	20 ft.	20 ft
	Overall width	7 ft. 11 in.	8 ft. 5 in.	8 ft. 5 in.
Tire Size:	Standard:	7.60x15	9.5Lx14	9.5Lx14
	Optional:	9.5Lx14	11Lx14	11Lx14
	Pickup gauge wheels:	3x12 in.	3x12 in.	3x12 in.
Tractor Requirements:	PTO speed	ASAE-SAE	ASAE-SAE	ASAE-SAE
	Recommended PTO hp	540 rpm 35 hp	540 rpm 35 to 60 hp	540 rpm 35 to 60 hp

We Got A Super Deal For You On A New Case IH 120 HP 2096 2WD Cab Tractor

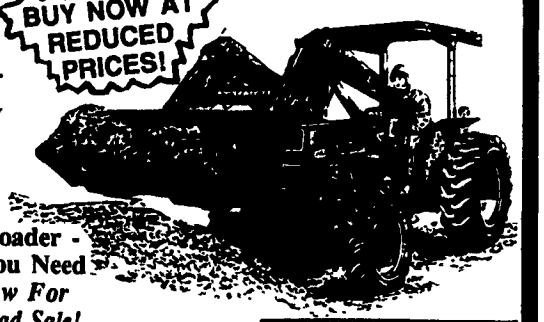


Equipped With Good Specifications!
Stop In Now For A Good Year End Deal!

TRUCKLOAD SALE ON ALL LOADERS IN STOCK!

BUY NOW AT REDUCED PRICES!

BINKLEY & HURST BROS. HAS THE PERFECT COMBINATION HEAVY DUTY LOADERS ON TRACTORS WITH SYNCHRO-SHUTTLE SHIFT TRANSMISSION FOR NON-STOP LOADING



If You Want A Beefy Loader - Tractor Combination, You Need A Case IH: *Stop In Now For Our Cash & Carry Truckload Sale!*

IN STOCK!

Standard 15 8 gpm (59 8 L min) optional 18 1 gpm (68 5 L min) hydraulic pump provides quick response to power steering hitch and remote cylinders Up to 3 valves

High torque diesel engine delivers 62 PTO hp (46 kW) for all season field and feedlot work

62 HP

Power Shift!

New Case IH cab has air conditioning 4 way adjustable fabric seat deluxe padded interior and unrestricted visibility

Utility low profile row crop heavy duty and MFD axle choices match your needs

Center line Mechanical Front Drive (MFD) option features electro hydraulic on the go engage disengage and limited slip front differential

Smooth shifting synchromesh 8F 4R transmission for fast cycling optional 8F 8R power reverse shuttle allows rolling F R shifts 16F 8R two speed power sh ft optional

Twin shaft 540 1000 rpm PTO (optional) adds extra convenience and versatility

SUPER DEALS ON TRACTORS IN STOCK! The New Case IH 685 - any way you look at it... you see more tractor

Choose MFD on any 85 Series tractor You'll get the sure-footed pull of four wheels and the agile maneuverability of a 2-wheel drive tractor

Cut the stress of a long workday and become more productive with a luxury cab (optional on 585 685 885) It offers a great view, climate control and roof hatch

Also In Stock At Special Prices:
- New Case IH 485 4x4 w/Shuttle Trans., 42 HP Diesel, Rops, NC 3096
- New Case IH 685 4x4 w/Power Shift Trans, 62 HP, Rops, NC 3097

All New Case IH 695 AWD Tractor In Stock, 62 HP w/2255 Loader - Ready To Work!

Case IH Model 2200 For 35 And 42 HP Tractors

Case IH Model 2250 Mount-O-Matic For 52 To 62 HP Tractors

SAVE UP TO 10% DURING OUR YEAR-END CLEARANCE!

4500 Vibra Shank Field Cultivators
Ideal For Seedbeds, Light Tillage And Fallowing, Such As Preparing Fall Seeding Ground

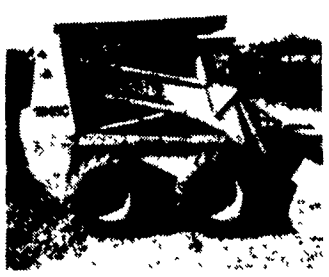
Don't Wait, Most Sizes Are One Only In Stock
BIG YEAR-END TOWAWAY DISCOUNTS ON ALL NEW CASE IH VIBRASHANKS IN STOCK-UP TO 10% OFF! *Tow One Away Now!*

Sizes In Stock!
- 11½ Ft. Pull Type
- 12½ Ft. Pull Type
- 14½ Ft. Pull Type Wing
- 15½ Ft. Pull Type Wing
- 16½ Ft. Pull Type Wing

Wing Model With Specially Designed Narrow Fold For Easy Transporting

WE ARE YOUR UNLOADER DEALER WITH SERVICE & VOLUME SALES FOR A SUPER DEAL!

UNILOADERS IN STOCK!



THIS MACHINE WILL DO THE WORK OF 10 MEN!

60 HP Diesel Case-Cummins, Self-Leveling Loader
The Best On The Market! Come In, Let's Make A Deal!

Truck Load Sale On New Grain Drills! Get More Grain Per Acre!

THE BEST!

YEAR-END CLEARANCE AT BINKLEY & HURST BROS. INC. NOW ON CASE IH 5100 OR 5300 GRAIN DRILLS -

WE HAVE GRAIN DRILLS IN STOCK

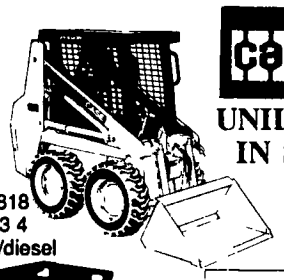
- 16x7 Combination With Fertilizer, Grass Seed, Press Wheels & Small Grain & Soybean Kit
- 16x7 Plain With Press Wheels & Soybean Kit
- 15x7 Plain With Press Wheels
- 15x7 Combination w/Fertilizer
- 20x6 With Press Wheels
- 20x6 Combination w/Fertilizer
- 24x6 With Press Wheels

CASE UNILOADER SKID-STEER QUALITY & VERSATILITY IN 5 SIZES...

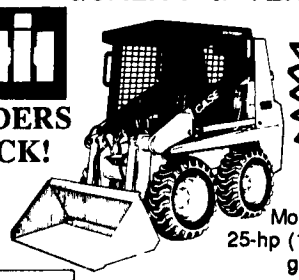
UNILOADERS IN STOCK!

Special Special Offer On 1825 Diesel, 1 Only

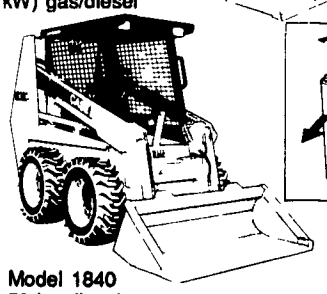
New Uni-Loader Skid Steers



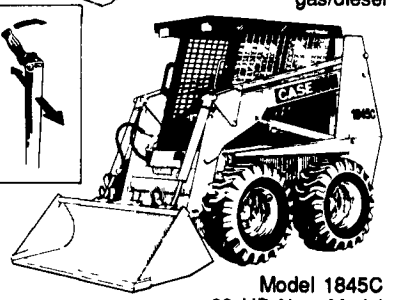
Model 1818
18-hp (13 4 kW) gas/diesel



Model 1825
25-hp (18 6 kW) gas/diesel



Model 1840
50-hp diesel
Model 1835C 44-hp gas



Model 1845C
60 HP New Model

- New power for more productivity.
- Two hand levers (no pedals) control direction, speed, all loader functions.
- Hydrostatic drive, forward and reverse
- 4WD traction beats slippery footing.
- Great dump reach at maximum height.
- Range of operating loads· 550 to 1700 lbs.
- Construction-equipment weight and strength
- One-stop Case IH parts and service.

Stop in for a "hands-on" demonstration.

Case Skid Loaders Do It All!

Increase Your Versatility & Productivity

New Popular Case IH Model 145 Roll-Over Hydraulic Reset Plows Are Here!

18" - 3 & 4 Bottoms

We Stock Heavy Weight Plows That Dig In & Work. Don't Buy Another Plow Before You See A Case IH At Binkley & Hurst

MAGNUM means more. Let us show you how much more!

ONE NEW UNIT IN STOCK AT OLD PRICE = BIG SAVINGS!

MAGNUM 7110
130 PTO hp (97kW)

Seeing is believing Which is why we encourage you to field test a MAGNUM 7110 tractor

From headlights to hitch MAGNUM means more

More power from a 505 cu in (8 3L) turbo engine Expect to move through the tough spots with greater reserve power and higher torque rise And with exceptional fuel effic ency

More performance from an 18 speed full powershift transmission Shifting is smooth nearly effortless Shift up down even into reverse w thout clutching

More comfort to keep you feel ng fresh Roomy quiet and tight MAGNUM tractor cabs with large expanses of tinted glass assure increased v sibility in every direct on

More reliability MAGNUM tractors are cove ed by the best warranty in the business 5 years or 5000 hours whichever occurs first

MAGNUM means more for your farm ng future See us today for a demonstration on your farm

New Unit In Stock!

Has Demonstrator Discount w/Additional $3,000 OFF!

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543

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Located ½ Mile North of Rothsville

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Best Buys in Used Equipment

$AVE BIG!
Massey Ferguson 204 Fork Lift

12 Foot
4,000 Lb.
~~$6,500~~
UT2326 **$4,900**
Let's Make A Deal!

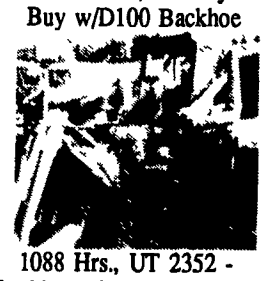
SAVE $1000

OMC 440 Skid Loader, 66" Bucket With Ford Industrial Water-Cooled Engine
U2325 ~~$5,600~~
YEAR-END CASH & HAULAWAY- **$4,600**

John Deere 4230

Rops, Quad, 18.4x38 Firestone Radials
Come In And Make A Deal!

Used Case 1835C Diesel Uniloader w/Aux. Hydr. Buy w/D100 Backhoe

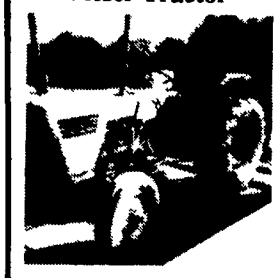


1088 Hrs., UT 2352 - Backhoe Like New. UM1566
Complete Only **$12,800**

Price Reduced For Year-End Clearance!
Case 855 Crawler
4-In-1 Bucket, 82 HP, Brush Sweeps, New Sprockets, Only 1468 Hrs., 85% to 90% Undercarriage, UT2177

If You Do Clearing, A 4-In-1 Bucket Can Do Wonder By Enabling You To Gral All Kinds Of Debris With Its Powerful Hydraulic Jaws... Step Up To Quality Now!

Deutz 4006 Diesel Tractor



UT2382

Excellent Case 1845B Diesel Uniloader, 73" Bucket, Big Tires Like New, 2261 Hrs.
UT 2349
~~$10,800~~

Take Your Pick From 2 Farmall Super A's w/Woods Mid-Mount Mowers - *No Reasonable Offer Refused!*

Save $7,000
TCI D4P60 Zoom Boom
For Lift, 6000 Lb., 3 Cyl. Detroit

$24,900 Less $7,000 =
$17,900
NO TRADE,
Our Loss = Your Gain

Almost New!

Case IH 885 All Wheel Drive UT 2348
Rated 72 HP, 2 Rem., Hyd. Outlets, P. Shift, 487 Hrs., Warranty To June 1, 1990
540-1000 PTO **$18,800**
Let's Make A Deal!
10% Financing Available

1845 LP

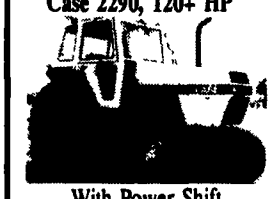
Case 1845 Gas Uniloader, 12:00x16.5 Tires, UT 2084
Was Only ~~$6,950~~
DEC. CASH & CARRY SPECIAL - $5,690

USED SKID LOADERS, TRACTORS & MISCELLANEOUS

Cash Or Lease w/Purchase Option Or Financing Case Credit

(1) New Holland L555 Diesel Skid Loader, 1942 Hrs., 62" Bucket With Shanks, 12:00x 16.5 Tires, UT2356 ..... $8,700
(2) Gehl 4400 Hydrostatic Skid Loader 40 HP With 60" Bucket, Good Condition, Good Paint, UT2056 ..... **$4,950 Or Best Offer**
(3) Mustang 445 Skid Loader, 44 HP Perkins Diesel, 10.00x16.5 Tires, Excellent Bucket, Low Overall Height To Get In Low Areas, UT2361 ..... $7,800
(4) John Deere 125 Diesel Skid Loader With 3 Buckets, Clean, Come & See
(5) Gehl 4400 Hydrostatic w/Ford Industrial Gas Power Water Cooled Engine, UT2360 ..... $3,650
(6) Gehl 3510 Skid Loader, Ford Gas Powered With 60" Bucket, Like New Paint, UT2116, $7,650 ..... **Dec. Cash Haul Away Price $5,980**
(7) Used Case Pallet Fork 36" For Case 1845B Uniloader, UM1705 ..... $560
(8) Case 1816C Uniloader With 2 Cylinder Onan 16 HP Engine, 1981 Model, 48" Material Bucket, UT2334 ..... **$4,800 Or Best Offer**
(9) Case 1816 Uniloader 44" Bucket, ROPS Lowered To Operate In Low Clearance Areas, UT2346 ..... $3,250
(10) Used 24" Backhoe Bucket For Case 580-680, UM1469 ..... **$350 Or Best Offer**
(11) Used Case D130 Backhoe Attachment Dig 130" Deep With 12" Trenching Bucket With Brackets To Fit On Case 1845 And 1845B Uniloader, UM1577, $3,600 ..... $2,980
(12) Gehl 3510 Hydrostatic Skid Loader, Almost New, Between 300 And 400 Actual Hrs., 54" Material Bucket, UT2380, Come For A Deal!
(13) John Deere 4640 Tractor, Excellent Condition Cab, Air, Heat, 1 Owner, Quad Shift, Duals, UT2358, 2515 Actual Hrs. $26,500
Let's Deal 10% Financing Available Or Waiver Till 4-1-91
(14) Massey Ferguson 175 Diesel Tractor ..... **$3,900 Best Offer!**
(15) Case 530 Wide Front Tractor, Gas Powered, Power steering With Good Hydraulic Loader, Good Mechanical Condition, UT2381 ..... $2,950
(16) Hydro 84 IH Diesel Tractor Clean, Straight Tractor, UT2369, Let's Deal!
(17) 1987 and 1986 Case IH Model 1594 2WD Tractor Power Shift With Tops Warranty, 85 HP With Reversible 540-1000 PTO, Very Reasonable Price For A Super Year End Deal
(18) IH 5088 Cab Tractor, 1983 With Triple Remote, 540-1000 PTO, Come & Deal! UT2370
(19) Ford 4000 Gas Tractor With Loader, UT2374
(20) John Deere 3020 Wide Front Gas Power Shift With Almost New Mid Mount Hydraulic 4 Row Model 175 John Deere Cultivator $8,650 ..... **$7,650 No Trade**
(21) IH 686 Tractor With 16.9x38 Tires, UT2375, ... **Let's Make A Deal**
(22) Massey Ferguson 399 All Wheel Drive Tractor, 85 to 90 HP Cylinder Diesel, Only 829 Hrs., Approx. 2 Years Old, Eligible For Waiver Till 4-1-91 Or 10% Financing Or Tax Deductible Lease . . . . **$24,800 Make Offer**
(23) Case 1835B Diesel Uniloader, UT2379, Come & See
(24) IH 720 Plow 5 Bottom 20" Bottoms, Moldboards, Very Good, Steel Trash Covers, Coulters Measure Over 19", Side Shift Hitch, Flotation Tires, Paint Very Good
(25) 21 Foot Amco Double Offset Transport Hydraulic Fold Disk Harrow, 21" Blade Dia 9" Spacing, C Rock Spring Bearing Hangers, Good Scrapers, Dual Transport Wheels And Wheels On Wing Section, Good Paint, Packer Hitch, Ready To Work, Come In For A Super Deal!

$AVE $1,000
EXCELLENT QUALITY
Case 2290, 120+ HP



With Power Shift Only 2350 Original Hours, 3 Hydraulic Remotes UT 2339
~~$22,700~~
$21,700
Let's Make A Deal!

IH 4130 Skid Loader, 25 HP Hydrostatic Drive, Hydraulic Pump, Rebuilt, UT2308
$3,600

John Deere 8640 With Duals - Ready For Work!
New Crank Just Installed In Our Shop "Our Work Guaranteed"

225 HP Test On Our Dyno Since Rebuilt. Clean, Only 2514 Hrs., 20.8x38 Radial Tires, Inside 75%, 3 Pt. Hitch, PTO. Get Financing Up to 48 Mos. Or Waiver Till 4-1-91
Let's Deal Now!

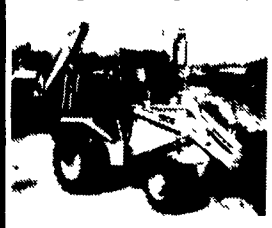
3300 Gal. A.O. Smith Slurry Store Top Fill Spreader, Used Very Little
Cash $4,900 Or Lease For $179 Mo.
Excellent Condition

UT2338
Diesel Case 580 Construction King Backhoe Loader Tractor With 24" Bucket
SPECIAL ONLY ~~$6,900~~
$4,900 F.O.B.

PRICE REDUCED!

Good Clean 1985 Case 1845C Uniloader, 969 Hrs., UT2074
WAS ~~$14,300~~
DEC. CASH & CARRY HAULAWAY SPECIAL $12,750

A Good Winter-Time Snow-Mover Backhoe
All Wheel Drive Cab & Heater -
PRICE REDUCED!



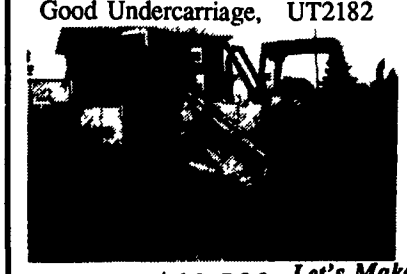
1986 Case 580E
All Wheel Drive Backhoe w/Only 970 Actual Hrs.
UT 2323 ~~$25,900~~
No-Trade December Special - $23,900
Financing Available- Don't Miss This!

1984 John Deere 350C Crawler Loader, Only 1981 Hrs., Excellent, Good Undercarriage,
UT2303 ~~$16,800~~
Price Reduced
Dec. Special $15,800

IH Crawler Loader 340 Diesel
Only $2,980

John Deere 450 Diesel Crawler Loader
Approx. 1967 Model
$8,900

Price Reduced! 1982 Case 850C
78 HP, 1½ Yd. Bucket
Good Undercarriage, UT2182



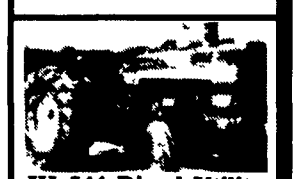
~~$24,900~~ **$19,800** ***Let's Make A Deal!***

Price Reduced!
1984 Case 1155D Crawler Loader
In Very Good Cond., UT2309

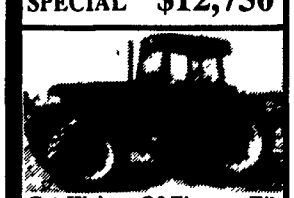
110 HP w/1¼ Yd. Bucket
$39,500
DEC. SPECIAL $36,800
Financing Or Good Tax Deductible Lease Available

IH 5288 Excellent Cond., UT 2335

20.8x38 Radials, 540/1000 Dual Shaft, 4 Rem. Trans. Updated
~~$28,600~~



IH 544 Diesel Utility
2 Pt. Quick Hitch
UT 2138 ~~$4,690~~
DEC. SPECIAL
$3,690
Let's Get Together!



Get Waiver Of Finance Til 4-1-91 Or 10% Financing Or Tax Deductible Lease
Can't Afford New? Consider A Used Case IH Magnum 7130, 170 HP Rated, AWD Workhorse - A Beauty!

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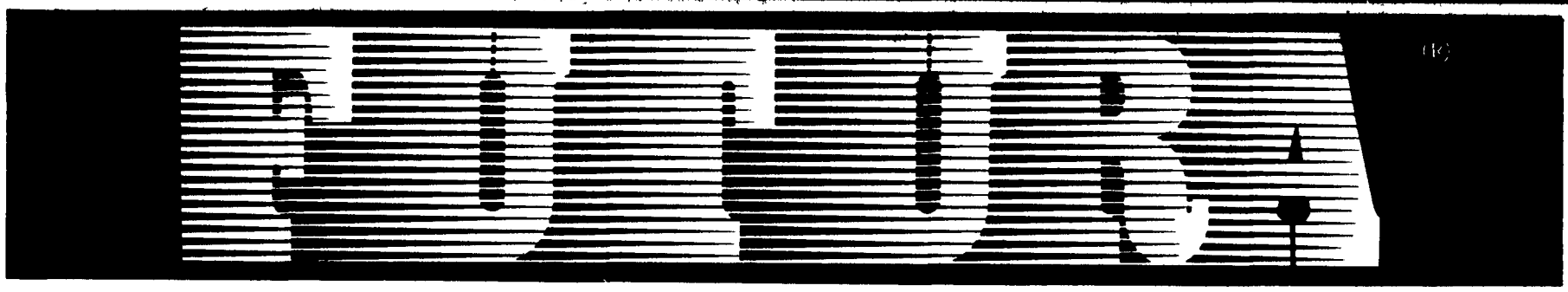
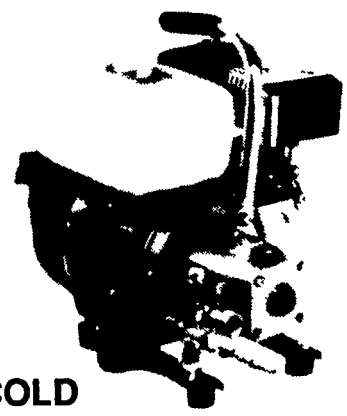
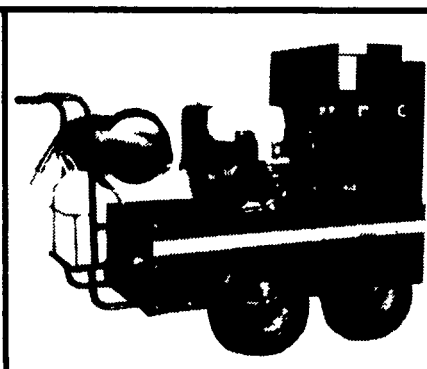
case IH



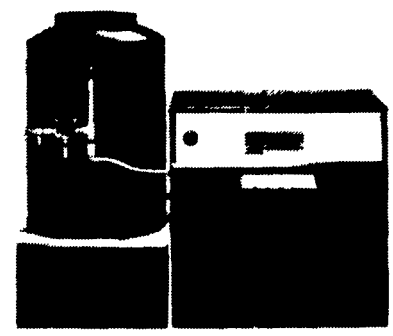
THE MOST COMPETITIVELY-PRICED, VALUE-RICH PRESSURE WASHERS IN THE UNITED STATES TODAY!



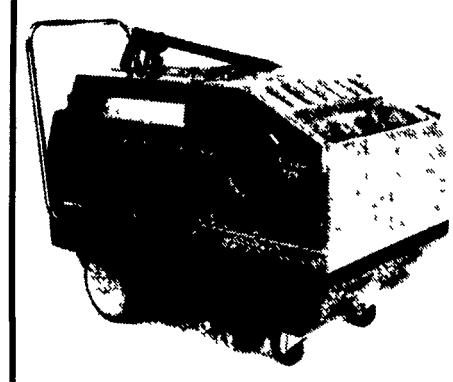
COLD WATER GASOLINE



HOT WATER GASOLINE



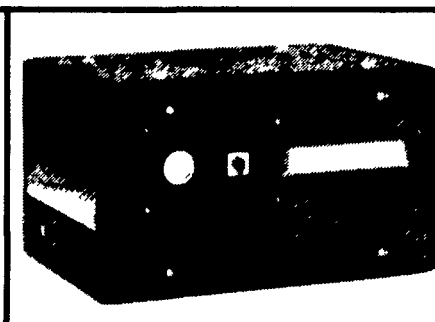
HOT WATER STATIONARY



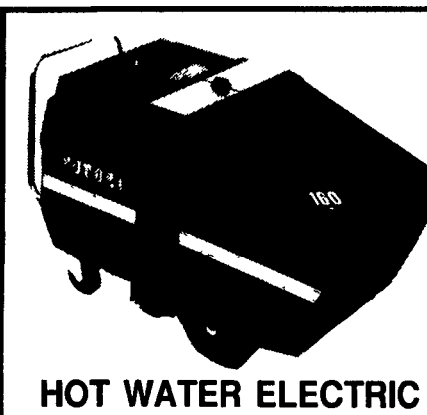
HOT WATER ELECTRIC

COLD WATER ELECTRIC

GOLD WATER GASOLINE



COLD WATER STATIONARY

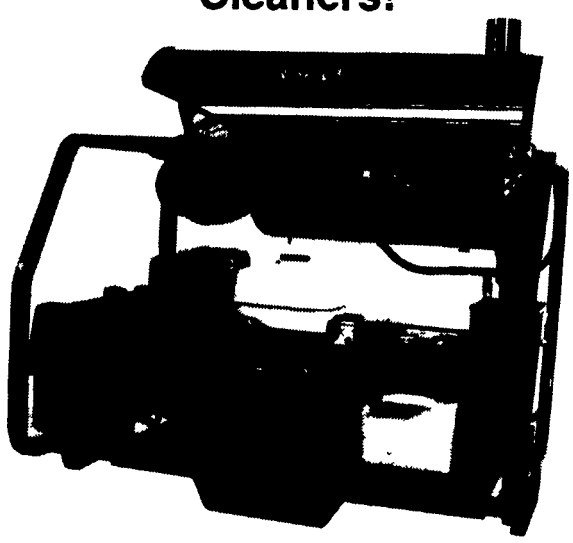


HOT WATER ELECTRIC WITH STEAM

★ 97 MODELS! THE FUTURE OF PRESSURE WASHERS NOW AT BINKLEY & HURST BROS., INC., LITITZ, PA* ★

HOT WATER GASOLINE-DRIVEN SKID UNIT -

Ideal For Contract Cleaners!



A Full-Featured Mobile Unit Every Professional Should Consider!

* Not All Models In Stock.

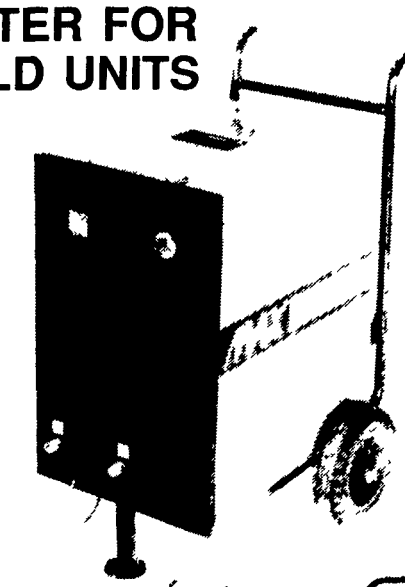
97 MODELS! FEW, IF ANY, MANUFACTURERS are able to be the low-cost producer AND the one who provides the most features for even a handful of market niches. FUTURA is one of those rare manufacturers that competes in just about any category.

AND BINKLEY AND HURST BROS., INC. HAS THEM ON SALE.
CALL TO SEE:
- **AUTOMATIC DRIVE-THRU TRUCK WASH**
- **RECIRCULATING WASTE-WATER SYSTEMS**

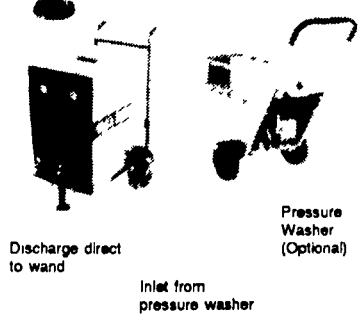
★ DECEMBER SPECIALS ★	
E1200 Cold Water Electric	$475
F1000M Hot Water Electric	$1,998
GH1500 Cold Water Gasoline	$775
D1300M Hot, Electric, Steam	$2,225
HG4026P Hot Water Gasoline	$3,525

★ FACTORY SPECIALS ★		
FM2215	1500 PSI Hot Water Dirt Blaster	$1,925
HB4040	4000 PSI Cold Water Gasoline	$3,395
D2900M	2900 PSI Hot Steam 3 Ph. Electric	$3,495

THE HOT BOX: INSTANT HOT WATER FOR COLD UNITS



MAKE YOUR COLD WATER UNIT CREATE ITS OWN HOT WATER



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• PARTS • ACCESSORIES

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IF YOU HAVE YEAR-END TAX PROBLEMS, YOU NEED TO SEE BINKLEY & HURST BROS., INC. SOON... WE HAVE LEASE PLANS WITH PURCHASE OPTIONS WHERE YOU CAN INVEST THOUSANDS OF WOULD-BE TAX DOLLARS INTO A NEW KINZE PLANTER OR ANY OTHER NEW OR USED FARM MACHINERY!

Hurry! Stop In Now & Divert Tax $$'s Into Equipment You Need!

IF THERE IS A NEW PLANTER ON YOUR LIST OF EQUIPMENT NEEDS — LOOK NO FURTHER!!!

KINZE OFFERS MORE THAN A DOZEN CONFIGURATIONS! ONE IS SURE TO MEET YOUR NEEDS!

TO 6 ROW: PULL TYPE II

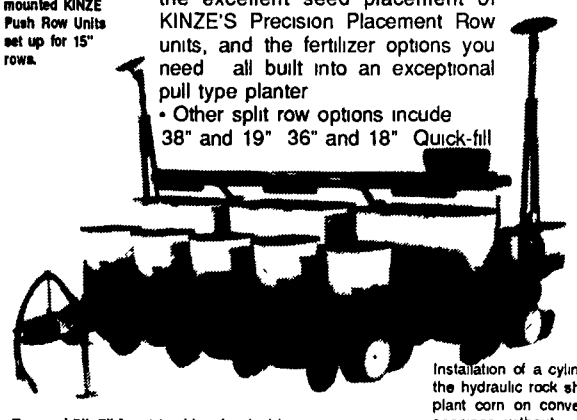
Double-Frame Versatility! The ultimate in planter versatility! Gives you the capability to split rows and switch from 30" corn to 15" or 10 beans in minutes! And, when you add the front-mounted Double-Frame attachment you can handle virtually any fertilizer or silage combination you want With the extra weight you need for most no-till situations Now you have the option of solid seeded soybeans or small grains, the excellent seed placement of KINZE'S Precision Placement Row units, and the fertilizer options you need all built into an exceptional pull type planter

• Other split row options incude 38" and 19" 36" and 18" Quick-fill

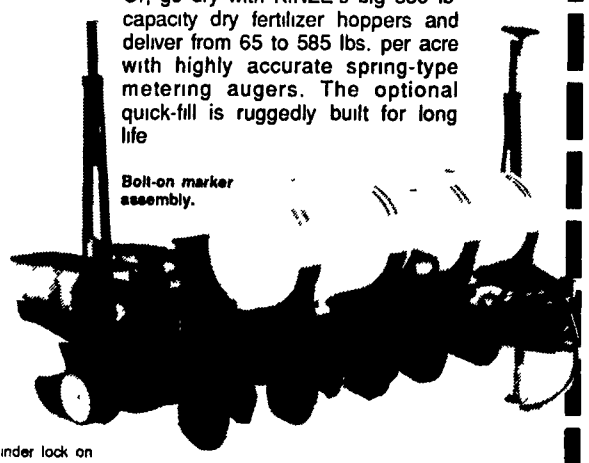
Fertilizer options? Liquid or dry. KINZE'S rugged poly tanks are equipped with quick-fill, openers and John Blue squeeze pump Two 110-gallon tanks on the 4-row models, two 150-gallon tanks on the 6 and 8-row models

Or, go dry with KINZE's big 550 lb capacity dry fertilizer hoppers and deliver from 65 to 585 lbs. per acre with highly accurate spring-type metering augers. The optional quick-fill is ruggedly built for long life

Patented, front-mounted KINZE Push Row Units set up for 15" rows.



Rugged 5"x7" front tool bar for double frame set ups



Bolt-on marker assembly.

Installation of a cylinder lock on the hydraulic rock shaft lets you plant corn on conventional row spacings without removing the push units and gives you higher ground clearance in transport

Best double disc fertilizer opener in the industry.

Rugged, heavy-duty 7"x7" steel tubing in the frame

NOW IS THE TIME TO ORDER YOUR NEW KINZE PLANTER — FROM 2 ROW TO 12 ROW

2 Row Kinze 3 Pt. Mounted Planter In Stock!

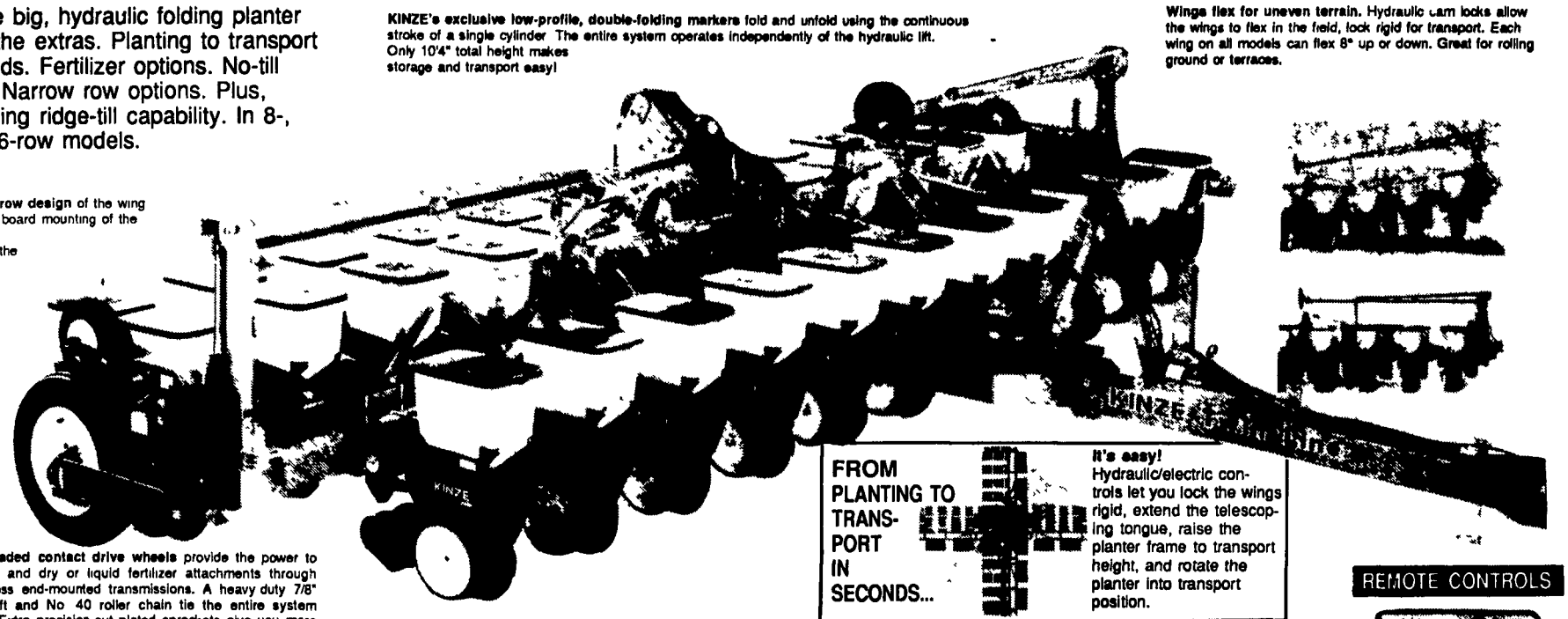
TO 16 ROW: ECONO-FOLD & TWIN-LINE

Meet the big, hydraulic folding planter with all the extras. Planting to transport in seconds. Fertilizer options. No-till options. Narrow row options. Plus, outstanding ridge-till capability. In 8-, 12- or 16-row models.

KINZE's exclusive low-profile, double-folding markers fold and unfold using the continuous stroke of a single cylinder The entire system operates independently of the hydraulic lift. Only 10'4" total height makes storage and transport easy!

Wings flex for uneven terrain. Hydraulic cam locks allow the wings to flex in the field, lock rigid for transport. Each wing on all models can flex 8° up or down. Great for rolling ground or terraces.

Compact, narrow design of the wing wheels and in board mounting of the marker let you plant close to the fence row



Spring-loaded contact drive wheels provide the power to row units and dry or liquid fertilizer attachments through easy-access end-mounted transmissions. A heavy duty 7/8" drive shaft and No 40 roller chain tie the entire system together Extra precision-cut plated sprockets give you more combinations than ever before And rates are easy to change no tools required Clean, simple design. Easy to operate. Easy to maintain

Out-board mounted wing lift/drive wheels eliminate an extra wheel track in the field Help gauge row spacing without increasing the overall width of the planter Compare!

With twin tool bars and patented KINZE push units, you can set your row spacings down to 15", 18", 19", or set it up for liquid or dry fertilizer attachments.

Master slave lift system. Trouble-free design.

Precision Placement! You want early seed germination. KINZE "Precision Placement" Row Units deliver...with the finest technology in the field for seed-to-soil contact. Spring-loaded parallel arm suspension gives you all the flexibility you need Each unit is independently adjustable. Double disc openers and V-closing wheels create the perfect environment for early seed germination Precision placement. Every time. rugged, molded fiberglass seed boxes carry up to 1 6 bushels of seed. Also available with a 70 lb capacity insecticide hopper or a combination herbicide/insecticide hopper with center-mounted aluminum plate divider.

A heavy-duty tongue-mounted latch locks tongue in place during the planting operation. Automatically releases hydraulically.

The telescoping tongue keeps the planter close behind the tractor for a shorter turning radius and extends to accommodate the pivot folding sequence into transport position The "Y" tongue (pictured) may be used to equip your Twin-Line II with interplant push units, or dry or liquid fertilizer attachments An optional narrow "T" tongue may be used for fertilizer in special applications.

A transport latch post, mounted on the front of the tongue, supports and locks the planter in place during transport.

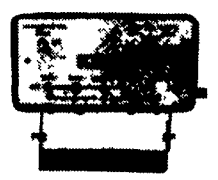
Plenty of ground clearance. Positive balance also keeps weight on the hitch in both planting and transport.

Outstanding transport stability in a big capacity planter! Transport widths as narrow as 11'2"... depending on row widths and equipment used. Transport wheels track on the same line as your tractor duals.

FROM PLANTING TO TRANSPORT IN SECONDS...

It's easy! Hydraulic/electric controls let you lock the wings rigid, extend the telescoping tongue, raise the planter frame to transport height, and rotate the planter into transport position.

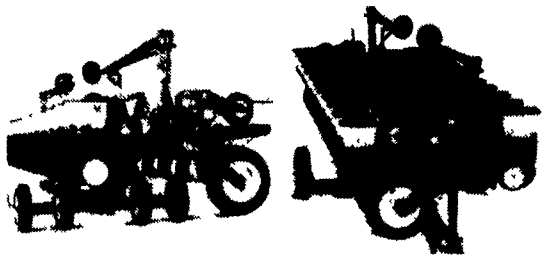
REMOTE CONTROLS



Control console switches let you activate the marker assemblies, the point row clutch controls and the folding sequence for transport/planting positions. (Three remote dual hydraulic outlets required. Clutch control optional on 8-rows.)

Point row clutches let you shut off either half of the planter. (Optional on 8-rows.)

CENTER PIVOT LIFT ROTATE TRANSPORT

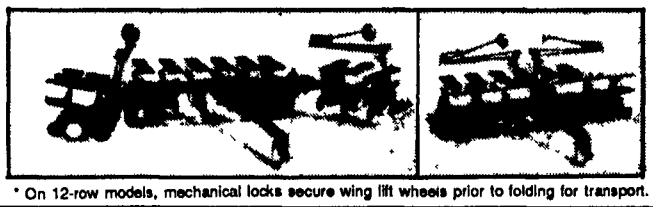


ECONO-FOLD PLANTER

- The accuracy and consistency of precision placement planting
- The efficiency and speed of 8 and 12 row capacities
- The simple economics of mechanical folding for transport
- KINZE combines em all into the most cost efficient, big system planter in the field

AND IT'S EASY TO FOLD!

Yes, all by yourself .. manually KINZE's design-engineered, easy-pivot hinge and balance make it easy. A simple transport pin locks the wings in the folded position. A heavy-duty eye-bolt locks and unlocks the hinge assembly in the planting position. (The wrench stores right on the tongue.) It's that easy! You're ready to plant or transport in seconds.*



* On 12-row models, mechanical locks secure wing lift wheels prior to folding for transport.

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HUSKY EQUIPMENT

Professionally Engineered With Over 30 Years Of Experience!

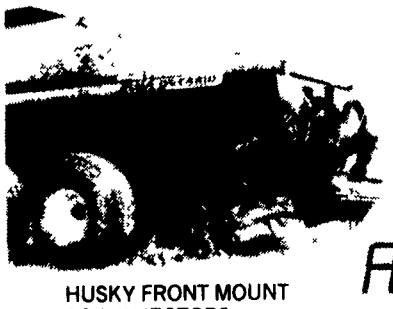
Check With Binkley & Hurst Before You Make Your Buying Decisions — Our Salesmen And Parts Department Have Many Years Of Experience - *WE SERVICE WHAT WE SELL!*

Is Your Storage Lagoon Full And Running Over? Get Quick Delivery On A New Husky Tanker From Binkley & Hurst Bros. Now! Call & Ask For Merv! Get An Easy Tax Deductible Lease!

- SPECIAL LOW COST LEASING PROGRAMS AVAILABLE -

If Your Future Plans Call For Manure Handling In Your Operation, You Need To Meet Our Factory Representative Or One Of Our Salesmen

IF IT'S FOR LIQUID MANURE AND WE DON'T HAVE IT -

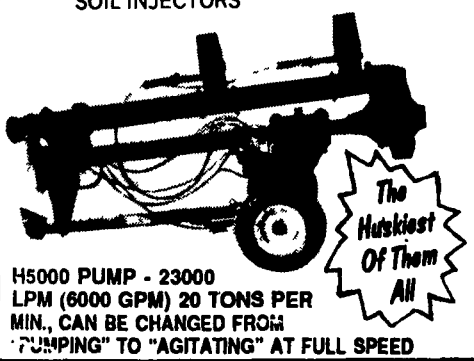


HUSKY FRONT MOUNT SOIL INJECTORS

WIDE SPREADING PATTERN

WE'LL MAKE IT!

Husky Builds To Your Order



H5000 PUMP - 23000 LPM (6000 GPM) 20 TONS PER MIN., CAN BE CHANGED FROM "PUMPING" TO "AGITATING" AT FULL SPEED

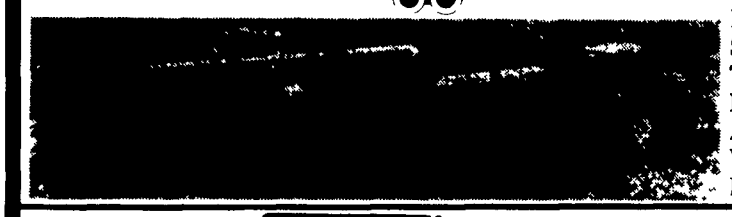
Husky Lagoon Pump - 30'x8" With 7000 Gallon Capacity With Deflector

VERTICAL AGITATION & HYDRAULIC ROTATION

HUSKY® Liquid Manure Handling Systems

TOP FILLS HUSKY **LIQUID MANURE SPREADERS**

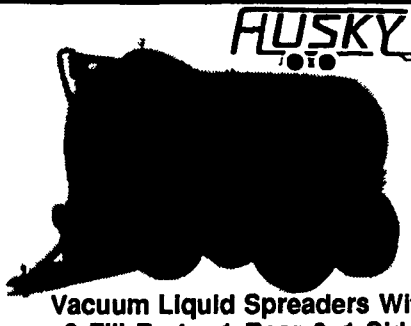
A Size To Suit You!



For Fast Hauling Pick A Spreader Size To Suit Your Tractor. Every HUSKY TANK Is Made From Heavy Gauge Alloy Steel Carefully Lined With A Special Coal Tar Epoxy Liner.

HUSKY **VACUUM TANKERS Model 1200L**

3000 Gallon VACUUM LIQUID SPREADER



Vacuum Liquid Spreaders With 2 Fill Ports, 1 Rear & 1 Side

QUALITY BUILT IN

FEATURES

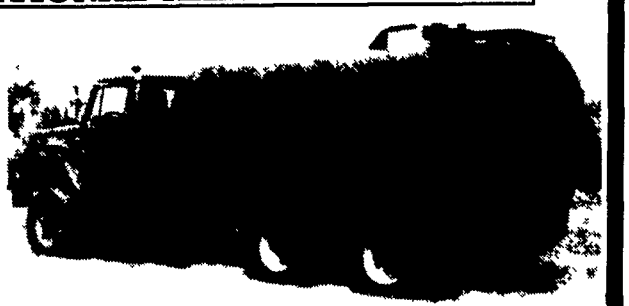
- 6mm Tank with dished ends
- New tanker lined inside against rust with special coating
- Fully baffled
- Access hatch
- Level sight gauge
- 190 CFM vacuum pump
- 6" (150mm) vac hose
- Secondary moisture trap
- Positive float shut off
- Vacuum pump supplied with high heat vanes

5 YEARS UNCONDITIONAL AXLE WARRANTY

HAULING TANKS

If You Have A Special Truck Or Flotation Vehicle, Husky Can Help To Make The Mounting Easy

Call Us Now!



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Plan Ahead For Next Year By Getting A Lease With Purchase Option And Use Your 1990 "Would-Be-Tax-$$$" To Keep Your 1990 Tax Dollar Expenses Down And Use Them To Get A High Speed RICHARDTON Dump Wagon Or Conveyor Feeder Box

Note: A Richardton System Can Eliminate 2 Forage Boxes

Not Only Does RICHARDTON Handle Forage Crops, But They Have Models Available For Specialty Crops Such As Vegetables, Etc.

WE HAVE SEVERAL IN STOCK FROM BEFORE THE PRICE INCREASE!

Get Yours Now!

FORAGE
HAYLAGE
CHAFF
STRAW
TOMATOES
CUCUMBERS
SWEET CORN
SEED CORN
EAR CORN
PEAS
BEANS
CARROTS
SUGAR BEETS
GRAIN

COMPARE THESE FEATURES AND OPTIONS

Simple hydraulics allows one valve to operate the lift and stabilizer cylinders. Center plumbing means less hose length and easier coupling.

The basic box is heavy-duty steel welded seams, and reinforced for even more strength.

Standard offset hitch adjusts in 5-inch steps to lengths from 6'3" to 7'11". To allow for different row crop spacings, you can offset either right or left 5, 7½, 10 or 12½ inches

Rub rails offer more protection to vehicles when approaching, during dumping cycle, and when departing.

Stabilizer cylinders hydraulically lock on to axle to hold wagon rigid during dump cycle

Galvanized roof features vent insert for straight-through air flow

The model 700 dump wagon is designed for years of trouble free service. The hydraulic system with a cable assist is designed to unload large loads of up to 20,000 lbs. quickly and efficiently even if the load is not distributed evenly

RICHARDTON

Make your operation safer • Use year round • Variety of crops • All field conditions • Operate in wet and muddy

When Your Truck Reaches The Blower, Just Back Into Your RICHARDTON Conveyor Box, Dump Your Load And Race Away For The Next!

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Located ¼ Mile North of Rothsville

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Divert Tax $ Into A McCurdy System At Binkley & Hurst Now!

See Binkley & Hurst Bros., Inc. For Quality Grain Handling Equipment

High Performance Gravity Flow GRAIN & FERTILIZER BOXES

at Discount Prices

McCurdy Fertilizer Box features:

- Durable and dependable
- Heavy gauge steel construction
- Quality wheel operated door

Options Available:

- 12", 15", 20" Sides
- Ladder
- Canvas Cover

SIZES IN STOCK

- 190 BIN
- 230 BIN
- 275 BIN
- 325 BIN

GO WITH THE #1...

McCurdy

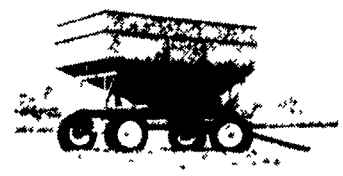
the Old Reliable

- Before You Buy, Check With Us
- Most Sizes In Stock For Quick Service & Availability
- We Sell In Volume

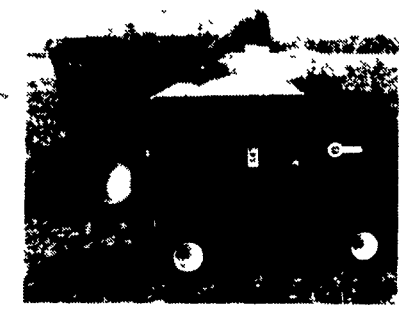
IDEAL FOR SMALL GRAIN AND EAR CORN

Model 275

Model 230



Model 190



Model 325

If You Can Use Manure Irrigation And Have A Year-End Tax Problem, You Need To See Binkley & Hurst For A Super Year-End Lease Plan That Can Convert Your Tax $ Into A Heavy Duty Manure System

No Matter If It Is Manure Or Water, Irrigate With The Best - L.H. RESOURCES From Binkley & Hurst Bros. Inc.

Stop In And Ask For Merv!

IN STOCK - COME & SEE!

KINZE SPRAY CART - Enables You To Spray And Till In One Operation

1000 Gal. Capacity Model In Stock, FMC 310 Hyd. Pump, 3.25" Spindles, 18.4x26 Flotation Tires, Super Duty Construction, Never Used **$5,950**

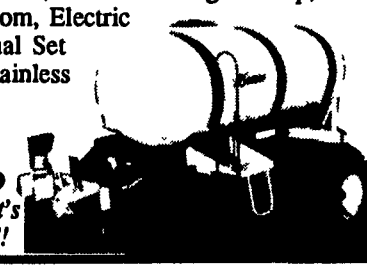
Rhino Heavy Duty 10' 3 Pt. Blade

For Tractors Up To 150 HP With 3 Way Hydraulic Controls

1 ONLY - Model 1540 Heavy Duty

DEMCO 500 Gal. 40' BOOM SPRAYER

No drip Nozzles, PTO Centrifugal Pump, Flotation Boom, Electric Controls, Dual Set Agitators, Stainless Steel Baffle



$4,450 YEAR-END SPECIAL! *Let's Make A Deal!*

IF IT'S QUALITY YOU WANT, YOU MUST SEE A TRUE-LINE! TRUE-LINE 16' TRAILER 10,000 GVW Also 18' At 12,000 GVW

STANDARD EQUIPMENT 2 In Treated Pine Deck • 2-5/16" Ball Hitch (adjustable on 14 & 16 ft.) • 5 ft. Self Supporting Fully Adjustable Ramps • Brakes On All Wheels • Stake Pockets • ICC Running & Clearance Lights • Wiring all in Conduit • Diamond Plate Fenders • 96 inches Wide

- True-Line 16' 10,000 GVW Trailer - Discount Price - **$1,995**
- True-Line 18' 12,000 GVW - Discount Price **$2,250**

ALSO IN STOCK: SUMMIT MASTER 10 TON DUAL TANDEM TRAILER w/Electric Brake & 25' Deck w/Beaver Tail & Ramps -**$6,675**

HAY HAULERS-MACHINERY HAULERS!

Looking For A Drop-Deck Trailer? We've Got ONe For You - 48'

Air Ride Suspension With 255-70R225 Radial Tires On Budd Wheels, With Rub Rails & Stake Pockets- If You Like Quality, Stop In Soon!

Towaway Now For ~~$15,245~~[12] Includes FET Tax

MAKE OFFER AND GET A SUPER YEAR-END DEAL! Let's Get Together Now!

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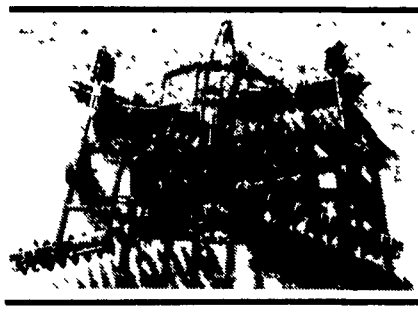
WHEN IT COMES TO WEIGHT...
WHEN IT COMES TO CUSTOMER EXCEPTANCE & REPEAT SALES...
WHEN IT COMES TO LARGE AXLES (1¾ " Is Standard On All Models)...

YOUR ANSWER IS SUNFLOWER!

See Binkley & Hurst., Inc. Soon To Buy The Best - SUNFLOWER!

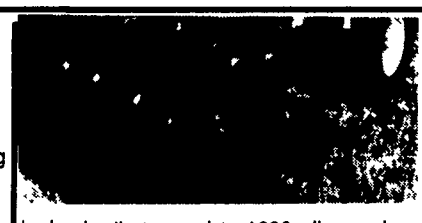
SUNFLOWER SUPERIORITY - TAKE A LOOK!

Gauge Wheels A trademark on all flexible Sunflower discs is front mounted gauge wheels. This important feature prevents the front gangs of the wing frame from gouging, buckling or cutting deeper than the other gangs, promoting a level, ridge or furrow-free field. The heavy-duty gauge wheel features a 5-bolt hub and 8.00x10 ply tire and tube.



DOUBLE OFFSET DESIGN

Eliminates center ridging while cutting the entire width at an even depth Self-leveling hitch provides fore & aft leveling at any working depth



GANG CONSTRUCTION

¼ "x24" or 22" Blades are available on 1¾ " stress proof standard gang shafts Gangs are hydraulically torgued to 1200+ lbs and are spring loaded to insure maximum trouble-free acres Heavy duty scrapers complete the gang assembly making it truly SUNFLOWER SUPERIOR

TRANSPORT WIDTH

Go from field working to highway transport in seconds Transport width on 18'-21'-24' units are only 12'4" barely the width of your dual wheels, leaving plenty of room for traffic to pass Transport height is within legal limits

STOP IN FOR GOOD PRICE & AVAILABILITY

We've Been Working Overtime To Ensure Good Inventory Availability For YOU!

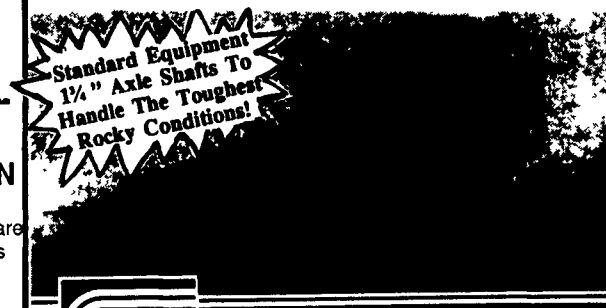
Currently We Have The Following Sizes In Stock For Immediate Delivery: 10'6", 12', 13'3", 14'7", 18'8", 21'6", 24'2" With Widths To 32" Available

MAXIMUM CASH DISCOUNTS IN EFFECT!

THE DISC FOR THOSE WHO DEMAND EXCELLENCE

- In Design
- Peformance
- Customer Acceptance

You just can't beat this one! It's at the top of the chart in performance and at a price you can afford. Come by and let us show you just how much quality your dollar can buy!



SUNFLOWER THE VERY BEST

10' to 32' MODELS AVAILABLE

- All Units Have C Spring Flex Hangers To Work On Rocks.
- All Units Are Double Offset Design With 1¾ " Axle Shafts.
- All Units Are Complete With Hydraulics.
- All Units Have Forward-Mount Gauge Wheels To Eliminate Gouging And Make Perfect Leveling.

ASK YOUR NEIGHBOR ABOUT SUNFLOWER SUPERIORITY - *SUNFLOWER OWNERS ARE THE BEST SALESMEN WE HAVE!*

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Egg Producers See Need For Focused S.E. Program

WASHINGTON, D.C. — At their annual meeting in Hershey, Pennsylvania, the Northeast United Egg Producers lamented the scattered aspects of the Salmonella enteritidis problem and pointed out the need to bring them together under a planned program.

There are different research efforts under way, varied federal and state refrigeration and inspection regulations and proposals, and only a small amount of food handling education. But it is now obvious that all these efforts are running in different directions—and all egg producers don't feel any weight being lifted from their shoulders.

The attendees felt that leadership is needed to set goals and priorities, to accumulate information, and to ensure that everyone is pulling in the right direction. Many felt that the US Department of Agriculture should take the lead. But, if for any reason they don't accept the responsibility, it may be left to the industry.

The meeting had good attendance from a cross-section of allied industries: producers, chemical companies, food processors, bankers, and associations. Dave Baker, NEUEP chairman, said, "We usually have very productive meetings. I don't know where the industry would be without United Egg Producers. There remain so many critical issues for this industry to address, most notably Se. I think our membership is always re-stimulated at a meeting such as this, not only by the volume of issues discussed but the importance of NEUEP membership."

For further information, contact Mac McLaurin, NEUEP, 808 17th St., N.W. #200, Washington, DC 20006.

NEW & USED SPECIALS - Check This Listing For Miscellaneous Items To Be Sold At Bargain Prices

(1) 9000 Baler Twine In Stock, Limited Supply $21.75

(2) Flotation Wagon Tires 12.5x15 10 Ply w/Tubes $77.00
11Lx15-8 Ply w/Tube $62.00
12.5x15-14 Ply w/Tube $87.50
(6) 11Lx15-8 Ply On 6 Bolt Wheels $62.00

(3) Rear Tractor Tires 18.4x34 - 8 Ply Radial w/Tubes $400.00
1 - 18.4x30 6 Ply $275.00
Front Tractor Tires
- 11.00x16-8 Ply 4 Rib. $113.00
- 11.00x16-8 Ply 3 Rib. $115.00
- 11Lx16-10 Ply Ind $96.00
- 550x16.6 ..... $38.00
- 6.50x16.6 ..... $47.50
- 11Lx15.8 ..... $81.00
- Used 12x16.5 Skid Loader Tires, And Others, Make Offer

(4) Martin 8 Ton Wagon Gears w/11Lx15-8 Ply Flotation Tires And Extendable Hitch $775
10 Ton Wagon Gear w/11Lx15-10 Flotation Tires, w/Extendable Hitch $840
12 Ton Tandem Wagon Gear w/Flotation 11Lx15-8 Ply Tire, Extendable Hitch $1,295

(5) New Meyer's Total Speed System Forage Box w/Variable Speeds Up To 17' Per Minute, Year End Special 16' Box w/3B & Roof $5,350

TO PREVENT WINTER RUN-OFF BUY A COULTER CHISEL TO WORK YOUR FIELDS THIS FALL TO OPEN THE GROUND FOR MOISTURE PENETRATION AT YEAR END REDUCED PRICES

(6) New Rental Coulter Chisels In Stock, Rhino-Athens With Hydraulic Front Mount Coulters, Heavy Duty Cushion Mounted Shanks With 4" Wide Curved Shovels

3 Sizes In Stock:

5 Shank, Effective Width 6'3" ..... ~~$9,950~~ Less $500 = ... $3,450 Towaway
7 Shank, Effective Width 8'9" Almost 4900 Lbs. ~~$5,945~~ Less $500 ..... $5,445 Cash or Lease Prices

(7) Like New 3 Pt. PTO Driven Sweepster Broom With Nylon Brushes, Left Or Right Hand Angle, UM1674 ..... $2,250

(8) IH 5 Bottom Plow Trip Bottom, Semi Mount $480

(9) White 5400 Air Planter 6 Row 30", With Liquid Fertilizer, Fluted No-Til Openers, Insecticide Was ~~$3,150~~ ..... Towaway Cash Price $1,950 UM1609

(10) Used 11 Foot Cultipacker With 18" Rollers, Good Condition, UM1706 ..... $875

(11) 16 Foot Brillion Cultipacker, 2 Wheel End Transport With 18" Rollers, Nice Condition, UM1653 ~~$2,250~~ ..... Towaway Special $1,850

(12) Brillion 14 Foot Cultipacker, End Transport UM1657 ..... $1,150 Or Best Offer

(13) Oliver 4 Bottom 16" Roll Over Plow, Model 3600, UM1553 ~~$1,650~~ ..... Haul Away $950

(14) Massey Ferguson Model 57 Rollover Plow, 3 Bottom 16" Has Coulters And Trash Cover, UM1682 ~~$1,950~~ ..... Haul Away $1,650

(15) Ford 3 Bottom 16" Roll Over Plow With Trash Covers, UM1718 ..... $1,650 Or Best Offer

(16) IH 496 Hydraulic Fold Wing Disk 24 Foot Working Width, With 6 Transport Tires, Appearance Like New Was $7,250, Buy Now Cash Or Lease For 10% Case Finance, UM1569 ..... Only $5,980

(17) Krause 1900 Series Hydraulic Fold Wing Disk Harrow, 32 Foot Working Width In Excellent Condition With Rock Flex Bearing Hangers, UM1576 Was $9,950 ..... Now Only $8,950

(18) John Deere BWA Transport Disk Harrow 20 Foot Working Width, All New Blades, Manual Fold Spring Assist, With Dual Transport Wheels, UM1646 ~~$2,750~~ ..... Towaway Bargain $1,960

(19) New Holland 469 Haybine 9 Foot Cut With Good Crimping Rolls, Field Ready, UM1679 ~~$2,975~~ ..... Towaway $1,675

(20) Pallet Forks To Fit On Loader Buckets, UM1680 ..... $250

(21) John Deere 7000 Planter 6 Row Dry Fertilizer, 30" Row, Top Fill Fertilizer Auger, Monitor, Markers, Good Condition UM1686

(22) IH Coulter Chisel Transport Model 60 Conser-til, 11 Foot Working Width, With Hydraulic Lift Cylinders & Hoses, UM1567 ..... $3,595 Make Offer!

(23) John Deere AW Transport Disk Harrow, 12 Foot With Hydraulic Lift Cylinder, UM1696 ..... $1,000 Or Best Offer

(24) IH Model 56 Blower, UM1700, ~~$650~~ $525

(25) John Deere 65 Blower (Nice Good Condition) UM1698 ~~$950~~ $750

(26) IH 600 Blower Used, UM1650, ~~$2,500~~ Make Offer!

(27) Vermeer Round Baler Model 504C, With 54" Pick-up, UM1697 ~~$4,995~~ ..... Towaway Cash or Finance Only $3,650 Or Best Offer

(28) Rhino 16 Foot Wing Disk Harrow Model 83, With 4 Transport Wheels, 9' Front Spacing And 74" Rear Spacing, Packer Tow Hitch, UM1704 ~~$1,995~~ ..... Towaway For $1,250

(29) Brillion 14 Foot Cultimulcher With Crowfoot Rollers On Front And Smooth Rollers On Rear, Good Condition UM1702, ~~$3,200~~ $2,850

(30) John Deere FB157B Grain Drill 15x7 With Grass Seed Attachment, New Disc, Metal Boots & Scrapers 2 Years Ago, Nice UM1708, ~~$1,550~~ ..... $1,400 Towaway Price

(31) Bush Hog 12 Fot Transport Disk With Scrapers, UM1710 ..... $1,695

(32) Save $1,000 On A Late Model Large Capacity IH 445 Square Baler With 60" Hay Pickup, And No. 15 Thrower In Good Condition, UM1716, ~~$3900~~ Less 1,000 Means You Towaway For Only $2,900

(33) 10% Off...New Rhino Model 58 3 Pt. Rotary Cutter, 8 Foot, Heavy Duty

(34) 2 Shank Injector Kit For Liquid Manure Spreader May Need Some Hoses, UM1722 ..... $550 Ask For Merv

(35) John Deere High Clearance 1250 Moldboard Plow, 4 Bottom 16" With Cushion Coulters, UM1725 ..... $1,180 Or Best Offer

(36) Allis Chalmers Transport Disk 32 Blade Owned By Another Customer $575

(37) N-Tech Lagoon Pump 25 Foot 540 PTO, UM1727 ..... $4,600

(38) Badger 3 Beater Forage Wagon Withy Roof Mounted On 12 Ton Tandem Wagon, ~~$3,600~~ ..... $2,900 Towaway

(39) Brillion 10'6" Foot Cultimulcher With 2 Wheels, Hydraulic Lift, Spring Teeth Shanks, UM1736 ..... $2,350

(40) 36" Long Pallet Fork With Sliding Shaft For Case 1845B, No. 4948 ..... $730

(41) New Rhino 3 Pt. Brush Rotary Mowers Sizes In Stock 4'-5'-6'-7' Models, Ask Amos In Sales For A Year End Cash & Carry Price, These Machines Work Good In Corn Stalks, Saplings, Tall Brush, And Do A Nice Grass Mowing Job, Come In And Pickup A Mower Now!

(42) New Athens 8 Shank 3 Pt. Chisel Plow 2 Bar, Only One Available, No. 3628 ..... At $1,700

(43) New Athens 7 Foot 7 Shank 3 Bar Chisel Plow No. 4477, ~~$1,700~~ ..... Save $50, You Haulaway $1,650

(44) Athens 10 Shank 10 Foot 3 Bar 3 Pt. Mounted Chisel Plow, Only One Available, No. 4811 ..... $1,995

(45) New Heavy Duty Model 200 Series Double Offset Plowing Disk 11'10" Working Width With C Spring Flex Bearing Hangers, 24x¼ Blades $7,995

(46) New Athens-Rhino Model 118 Transport Disk Harrow With Hydraulic Fold, Rock Spring Bearing Hangers, Double Offset Design, 15'10" Working Width, Transport Under 11 Foot No. 4781, ~~$8,990~~ Save $300 By Towing Away During Our Cash & Carry Discount Days $8,690

(47) Kwik Way 3 Pt. Adjustable Pallet Fork With 2000 Lb. Carrying Capacity ~~$785~~, No. 3791 Cash & Carry $385

(48) New McCurdy Round About Bale Wrapper No. 6662 ..... $1,725

(49) New McCurdy Combine Header Transport Wagon Gear, 1 Only $1,750

(50) New Woods RM 600 3 Pt. Finish Mowers Wiht Gauge Wheels, 60" Mowing Width, ~~$1,675~~ Save In Dec. By Hauling Away At ..... $1,275 Only 2 Left No. 3617 and No. 3618

(51) New Woods RB6 3 Pt. Scraper Blade 72" Wide No. 3619 and No. 3620 Only 2 Left At ..... $322 Each

(52) New 3 Pt. L.S. Pacer 6 Foot Landscaper With Spike Ripper, Leveling Blade And Roller, No. 6666 Also Works Good For Grading Driveways $725

(53) New McCurdy Gravity Bin Fertilizer Augers

(54) New Truck Endgate Augers Available From Local Distributor

(55) John Deere 10 Shank 3 Pt. 3 Bar Chisel Plow Very Good Condition, UM1715 ..... $1,395

(56) IH 56 4 Row 30" Planter With Dry Fertilizer And Insecticide, Track Scratcher $1,250

(57) Sunflower Model 1321 Offset Disk Harrow With Rock Spring Bearing Hangers, Single Fold, Complete With Hydraulics, Weight Over 7500 Lbs., With Wing Gauge Wheels, Cutting Width, New Condition, Reg. Price Over ~~$13,000~~, Cash & Carry Special ..... $8,500 No Trade

(58) MGS Trailer HM72 Trailer 50"x72" Removable Racks, Fenders, Light, 5.70x8 Tires, 1⅞ " Ball Hitch, GVW 1430 Lbs., No. 2747 ~~$875~~ $490

YEAR-END DISCOUNTS ON NEW QUALITY GEHL HYDROSTATIC SKID LOADERS!

GEHL

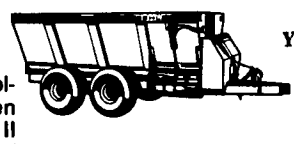
Meet the workhorse!

No job is too big for the new Gehl Model 5620 Skid Loader. And it makes all your jobs easier, thanks to exclusive Load-Trak T-bar controls—much simpler to learn and operate than foot controls And it has more forward dump reach than any other loader in its class. Other features include secondary operator restraint seat bar with padded arm rests Full instrumentation. Self-leveling lift action Easy attachment change. Auxiliary hydraulics SAE operating capacity of 1,700 lbs. And more Come in and see this workhorse today!

- Gehl Model 5620, 72" Wide, 52 HP, 1700 Lb Load Carrying Capacity, 3400 Lb. Breakout Force, Tilt Cage For Easy Service, Auxiliary Hydraulics, Lights
- Gehl Model 4610, 65" Wide, 44 HP Perkins Diesel, 1255 Lb Carrying Capacity, 2450 Lb Breakout Force, Tilt Cage For Easy Service, Lights
- Gehl SL3410 Diesel 23 HP, 54" Wide, 900 Lb Carrying Capacity And 1800 Lb. Breakout Force, Tilt Cage For Easy Service, Lights
- Gehl Model 6620, 72" Wide 60 HP, 2050 Lb Carrying Capacity, 4100 Lbs. Breakout Force, Tilt Cage For Easy Service, Auxiliary Hydraulics, Lights
- Gehl Model 3610 Diesel 33 HP, 54" Wide, 925 Lb. Carrying Capacity And 1850 Lb. Breakout Force, Tilt Cage For Easy Service, Lights
- Gehl SL3310 Gas 20 HP, 54" Wide, 750 Lb. Carrying Capacity and 1500 Breakout Force, Tilt Cage For Easy Service, Lights

COME IN AND GET A GOOD YEAR END DEAL FINANCE, LEASE WIHT PURCHASE OPTION, CASH DISCOUNTS. LET'S MAKE A DEAL!

The one spreader for the two spreader farm



Spread liquids, semi-solids, solids, pen-packed, even frozen manure. A Gehl Scavenger® II manure spreader does the owrk of two spreaders for the price of one. It's built for efficiency, with a heavy-duty square-tube auger that works harder than conventional round augers The auger powers up and down hydraulically to prevent bridging and cut through winter freeze-ups Vanflo front, right-hand discharge gives you complete application control.

YEAR-END CLEARANCE CASH OR LEASE TOWAWAY PRICES IN EFFECT NOW!

When You Purchase Gehl You Pay Less Per Pound Than Most Other Brands, Plus Only Gehl Scavenger Gives You Hydraulic Power On Unload Auger To Create More Aggressive Unloading Of Pen Packed Manure. Financing Available, Cash Discounts, And Lease With Purchase Options To Convert Year End Tax $ In A New Gehl Scavenger Spreader At Binkley & Hurst Now! Come On In And Towaway A Quality Gehl Spreader Now!

New Super Quality Gehl-Tuff Model 250 Manure Spreader w/Hydraulic Endgate, Poly-Tuff Floor, Guaranteed Steel Sides & T-Bar Gratz Apron w/285 Bu. Capacity - $4,650 Less Dec Cash Discount

Model 135 Spreader No Endgate -
$3,495 Less Dec. Cash Disc.

Larger Model 325 Tandem Axle w/Topbeater & Endgate
$6,475 Less Dec. Cash Disc.

NEW GEHL FARM EQUIPMENT GET A TAX DEDUCTIBLE YEAR END LEASE

(1) New Gehl Model MC2240 Swing Frame 12 Foot Demonstrator Mower Conditioner, 1000 RPM With Bolt On Knife Sections Or Easy Replacement, 109" Crimping Width Buy This Quality New Demonstrator At Great Year End Savings Factory List Price $16,123, Binkley & Hurst Discount Price $12,980
Less Dec. Cash Discount For Cash Or Lease

(2) New Gehl TR3038 2 Row Corn Head 28-34 Row Spacing, No 4747, Only One Available ..... $3,450 Less Cash Disc. Available At Time Of Purchase

(3) New Gehl HA1210 7 Foot Hay Pickup Only One Available, NC4634, Fit Most Models Of Gehl Harvesters, Dec. Cash & Haul Price $2,996

(4) New Gehl 9'3" Cut Mower Conditioner With Hydraulic Swing Hitch, Model MC2170 Excellent Features, No. 6586, Regular List Price ~~$10,977~~, Special Cash And Towaway Price Only ..... $7,980 Or Lease Or Get Adjusted Price On Finance

(5) New Gehl 9'3" Cut Mower Condition Model MC2170 With Manual Swing, No. 6587, Lease or Cash Towaway Special $7,860

(6) New Gehl TMR Transport Mixer Model MF7210 With Bunk Feeder Conveyor With Magnet & Scales, No. 4808 Factory List Price Over ~~$16,459~~ Get A Cash Towaway Or Lease Price Of Only ..... $13,000 For This 210 Cu. Model

(7) New Gehl 1580 Big Drum 1000 RPM Blower To Fill The Tall Silos Fast

(8) Gehl MixAll MX125 100 Bushel No. Scales $8,645
Less Applicable Cash Discounts In Effect At Time Of Our Discount Days!

(9) New Gehl 170 Mix All Grinder Mixer With Scales, 135 Bushel Capacity, No 6726

(10) Only (2) Left, New Gehl 10 Ton Single Axle Wagon Gear With Adjustable Hitch, 8"x15" Rims, Unassembled, Each $87-

(11) Get A Super Year End Deal On New Gehl 970 Forage Boxes In Stock

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RESPIRABLE DUST PROTECTION IN POULTRY HOUSING

Dennis J. Murphy
Professor of
Agricultural Engineering

A recent article in this column (Poultry Pointers, July 28, 1990) described research that measured high concentrations of respirable dust in poultry houses.

Respirable dust was identified as those dust particles with a diameter of five microns or less. Dust particles below this size may be breathed deeply into the lungs.

There are many sources of respirable dust in poultry houses, including feed grains, dry fecal matter, animal dander, bits of feathers, bacteria, bacterial endotoxins, insect parts, and fungal spores.

Breathing in this type of dust in large quantities over a long period of time may lead to respiratory problems that include acute and chronic bronchitis, increased airways reactivity, occupational asthma, and toxic organic dust syndrome (TODS).

In a few extreme cases, if moldy grain or crop material is handled, "farmer's lung" may develop. Typical symptoms of these respiratory ailments includes throat irritation and a persistent cough that may or may not include sputum, wheezing, tightness in the chest, fever, and muscle ache. Some cases require extended days of bed rest or hospitalization.

The best protection against these dust diseases are management actions that minimize dust level generation, and limiting an individual's exposure to dust. Limiting exposure to the dust becomes particularly important once an individual starts showing persistent symptoms of lung disease.

Another method to reduce the harmful effects of dust exposure is to wear respiratory protection. There are several types of respirators that offer some protection against respirable dust; however, the type used by many farm workers offers no protection at all against respirable dusts.

This simplest type of respiratory protection is commonly called a nuisance dust mask. It is designed to only filter out dust particles 10 microns and larger; therefore, it doesn't filter out any of the respirable dust. The mask is constructed of a lightweight cloth-type material, and its thin, single elastic band results in a poor seal around the mouth and nose.

Disposable toxic dust masks, marked by only a slightly heavier cloth-type material, two elastic bands, and a government approval number, are designed to filter respirable dust but also seal poorly and provide only limited protection.

Cartridge-type respirators are designed to filter respirable dust and normally have wide, adjustable elastic bands and a rubber face piece that seals substantially better around the mouth and nose. This cartridge-type respirator offers much better protection against dusts than the disposable cloth-type masks.

Cartridge respirators have replaceable filters and washable face pieces so a single respirator can last indefinitely. With a price range of approximately $25 to $50, it is a good investment for continued exposure to respirable poultry dust.

Still, there are a few limitations to be aware of with cartridge respirators. If a worker has facial hair, the hair may interfere with a good seal around the mouth and nose. Also, some cartridge respirators may be hot or otherwise uncomfortable to wear in some poultry house environments.

In addition, because the shape of a person's face often changes as a person works, additional leakage around the mouth and nose may occur. The act of breathing creates a negative air pressure inside the mask and allows dust to seep in if a perfect seal is not maintained. This leakage usually isn't a serious problem unless the worker has a chronic or permanent respiratory condition and has serious reactions to respirable dust exposures.

The best protection against respirable dust is a powered air helmet. It is several times more effective at filtering respirable dust than any of the respirator types mentioned so far.

As the name implies, a powered air helmet utilizes a helmet to enclose the head, and through the use of a battery pack, delivers a stream of filtered air to the person's breathing zone. The powered air helmet is designed to create positive air pressure inside the helmet, which negates the problems of a poor seal associated with facial hair, glasses, and movement.

Workers are often surprised at how light and comfortable powered air helmets feel. Powered air helmets range in cost from about $250 to $800. This may seem expensive until the price is compared to doctor and hospital bills. When respirable dust hazards are ignored for too long of time, this type of respiratory protection may be the only type that will offer the worker sufficient protection.

Respiratory protection devices are available from a number of sources that may be found by checking the yellow pages under "safety equipment," agricultural chemical supply companies, or by contacting your county extension office or the Pennsylvania Agricultural Safety Council.

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Farewell to:
Sulphur smell, bad taste and black scale Staining caused by iron and other minerals
Bacterial contamination
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Hello to:
Clear, delicious, polished water from every tap
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Livestock Notes

Alternative Sources of Protein for Beef Cattle

Protein costs can approach 50% of total feed costs in beef cattle diets. In the past few weeks the cost of soybean meal, a principal component of protein supplements for cattle, has risen in cost more than $150 per ton. This has resulted in a sizeable increase in total feeding costs. However, there are alternative sources of protein for cattle diets. These include whole cottonseed, cottonseed meal, fishmeal, linseed meal, urea, and dried brewers grain.

Urea is a source of non-protein nitrogen that can be very effective and cost-competitive when used appropriately in cattle diets.

Compare the relative cost of these feeds in terms of their energy contribution to the ration because their energy content may vary widely from that in soybean meal. With the escalating price of corn and other energy feeds, energy content is a concern.

The following table shows the relative protein value and equivalent cost per ton as a protein source, as well as the relative energy value of these protein alternatives. They are compared to soybean meal priced at $400 per ton.

Check local prices on these feeds and use a least-cost ration program to determine the extent of their use in rations.

	Distillers Dried Grains	Whole Cotton-seed	Menhaden Fishmeal Meal	Cotton-seed	Linseed Meal
Protein Value (% of SBM)	68.1	52.3	147.7*	93	86
Equivalent Cost ($/ton)	272.40	209.20	590.90	372.00	344.00
Energy Equivalent (% of SBM)	80	111	89	96	97

*Cannot be more than 3% of the ration.

Vegetable Growers Announce Plans

BRIDGETON, N.J. — The Vegetable Growers Association of New Jersey will hold their 1991 annual meeting on January 15, 16, and 17 at Trump Castle Hotel and Casino in Atlantic City. This year's meeting will offer educational sessions, a trade show, spouses program, and annual banquet.

Last year's meeting and trade show was the largest ever and plans are being made to host more than 2,000 participants this year. Growers, agribusiness representatives, spouses, Department of Agriculture experts, and university specialists from Rutgers and the eastern United States will be attending the educational sessions and trade show. Like all activities supported by Rutgers Cooperative Extension, the VGANJ meeting is open to all registered persons without regard to race, sex, color, national origin, handicap, or age. The meeting is one of the largest, most informative vegetable meetings on the East Coast.

The annual meeting is being organized by the same team that coordinated last year's highly successful meeting. VGANJ secretary, Philip Traino, and Mrs. Marion Savoca are coordinating registration, VGANJ activities and the dinner show. Dr. Steve Garrison and Dr. Steve Reiners, of Rutgers Cooperative Extension, are coordinating the educational program sessions and Rocco DiGerolamo is coordinating the Trade Show again this year.

For information on registration, contact Phil Traino, 377 North Locust Avenue, Marlton, NJ 08053 (609) 985-4382.

Trade Show

This year's Trade Show will feature more than 130 exhibit spaces, all located in one large area, the Crystal Ballroom. Agribusiness representatives will display new tillage, irrigation, planting, seeding, packing, and pesticide application equipment. Suppliers and distributors of fertilizers, pesticides, containers, plastics, and many other farm supplies, will be available to discuss the use and performance of their products. We are looking forward to the best trade show ever. Don't miss this opportunity to learn about new products and services, and to exchange information with other growers and industry representatives!

Education Program

The program committee has developed 14 interesting sessions, offering information on topics and issues of special concern to growers.

Featured speakers at this year's meeting include leading researchers, Extension specialists, industry scientists, growers, and county agents. Speakers from Virginia, Delaware, Maryland, New York, Illinois, Florida, North Carolina, Pennsylvania, Massachusetts, Ohio, and New Jersey will offer new ideas, share their experiences, and present results of their latest studies.

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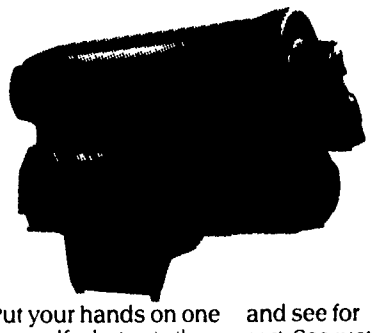

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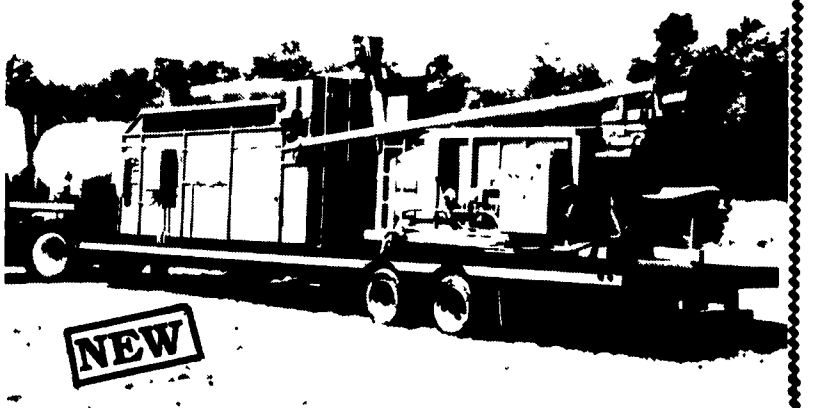

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American Junior Hereford Association Holds Convention

KANSAS CITY, Mo. — A young and motivated group was on hand for the 26th American Junior Hereford Association's annual convention in Kansas City during the American Royal Livestock Show. Some 230 juniors from 23 states attended the three-day conference which featured election of board of directors, the national public speaking contest, and presentations of a number of awards and scholarships.

The presidential duties for the upcoming year were handed to Michael Kelsey, Rush Springs, Okla. Michael is a sophomore in pre-veterinary medicine at Oklahoma State University, Stillwater. He is the 20-year-old son of Joe and Mary Ann Kelsey who have both served as members of the AJHA board of directors.

Other officers elected were Calvin Gunter, Rogers, Tex., first vice-president; Jeff Fowle, Etna, Calif., second vice-president; Amy Maddox, Carmel, Ind., secretary; Bryan Lawrence, Coon Rapids, Minn., treasurer; and Dwight Sexton, Ainsworth, Ia., reporter.

Newly elected board members to serve three-year terms included Jenny Allan, Seward, Neb.; Jodi Watson, Jackson, Tenn.; and Robert Weaber, Beulah, Colo.

Retiring from the board were Dale Brown, Lodge Grass, Mont.; Sandra Copeland, Santa Rosa, N.M.; and Carla Sellman, Bruneau, Ida.

The organization recognized Glynn Debter, Horton, Ala., as the honorary member. Mr. Debter has been a longtime supporter of the junior program and served as president of the American Hereford Association in 1988.

Five junior members were presented the Golden Bull Achievement Awards. This is the most coveted honor awarded to an AJHA member. Recognized for their achievements were Terry Barber, Channing, Tex.; Gary Lewis, Buhl, Ida.; Marty McKinzie, Dike, Tex.; Rene Stewart, Sterling City, Tex.; and Jody Watson, Jackson, Tenn.

Awarded the two $500 Future Cattleman Scholarships were Rene Stewart and Bob Weaber, Beulah, Colo. The scholarship program recognizes outstanding individuals active in the AJHA.

The all-around accomplishments of Terri Barber earned her the B.C. "Bud" Snidow Award.

Kansas, California and Oklahoma advisors were honored as "Advisors of the Year" for working closely with their respective states to improve the activities and programs. Ken and Melanie Fowle, Etna, Calif.; Mike and Betty Jamieson, Quinter, Kan.; and Joe and Mary Ann Kelsey, Elgin, Okla., were presented the awards.

Illinois Junior Hereford Association returned to claim its ninth consecutive Pride of the Nation Award. Oklahoma and Texas junior associations also received this award. Illinois received the membership increase award with a 18 percent increase during the past year.

Texas returned to claim first place in the scrapbook competition. Illinois finished in second while South Dakota took home the third-place award.

Topping the sweepstakes contest was the Ohio Junior Hereford Association. The contest is based upon participation and results of the convention activities.

Receiving national recognition in the public speaking competition was Lisa Bryant, Ada, Okla., with her speech "Animal Rights - The Challenge of Today." Second place went to Julie Bowlin, Woodburn, Ia.

A new addition to the convention competitions was the photo contest. Topping the prettiest photo division was Dennis Rankin, Fletcher, Okla., while Dennis' sister, Cheryl Rankin, won the funniest photo division.

Plans For Ethanol Plant

ST. LOUIS, Mo. — Recent passage of the Clean Air Act and tax extensions for ethanol to the year 2000 have pumped new life into the ethanol industry. Plans to build new ethanol production facilities, which were on hold, are back in action.

Pete Wenstrand, vice president of market development for the National Corn Growers Association (NCGA) and a corn farmer from Essex, Iowa said, "We have seen substantial interest from investors in building new ethanol facilities over the last several weeks. While we view this as encouraging, it is important to understand that not all of these inquiries will develop into producing plants."

Recent cost estimates of building an ethanol plant range from $3 per gallon of planned capacity to $2. It is projected that most new ethanol plants will have an annual capacity of 10 million gallons or more per year. Thus, a minimum investment of $20-30 million is required for a small ethanol plant.

Mike Bryan, NCGA's program manager for ethanol/sweeteners said, "Many of the new plants, or existing plants that are planning to expand, have not yet announced their plans to the public. What we are seeing is really only the tip of the iceberg. Most, will not announce their plans until they are ready to begin construction."

In order to meet projected demand for ethanol by the onset of the 1992 clean air requirements, an additional 400-500 million gallons of ethanol capacity will have to be added. "There are several new plants in various parts of the country that are either ready to come on line or are now in the final stages before construction, that will help provide the needed capacity," Bryan said.

"We are confident the ethanol industry will respond to the challenge of meeting this new demand," Wenstrand said. "The role of NCGA is doing whatever we can to help facilitate this expansion process."

There are currently 39 plants producing ethanol in the United States, in 22 states this year. Annual production is estimated to be about one billion gallons. A number of additional plants are shut down, but could be reactivated on fairly short notice. Expansion of current plant capacity, brings an additional 450 million gallons on-line within 18 to 24 months.

NCGA, a national commodity organization representing more than 25,000 corn farmers in 45 states, has been a catalyst in developing ethanol markets.

ronment. Since 1980, AFT has been responsible for the protection of thousands upon thousands of acres of farmland across the country. Bringing together farmers, business people, legislators and conservationists, AFT serves as a catalyst for broad-based action to preserve both the quantity and quality of American farmland.

"David Armstrong's exhibition is a special opportunity for us to bring the need for farmland protection into the eyes and hearts of everyone who attends," AFT President Ralph Grossi said. "Armstrong's paintings demonstrate a special commitment and concern for our vanishing landscape."

The Armstrong exhibit will be open to the public from December 4 to January 5, 1991. For information on the exhibition or the gallery, call (212) 644-4400.

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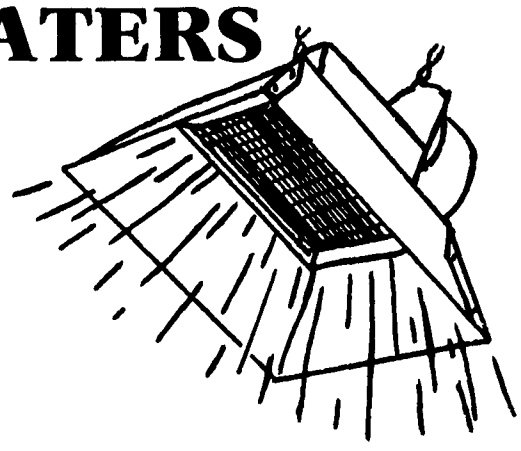

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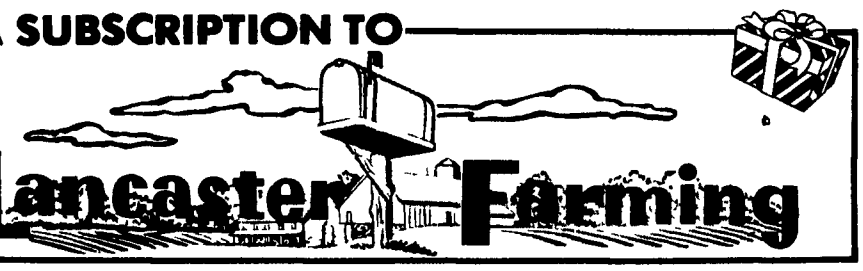

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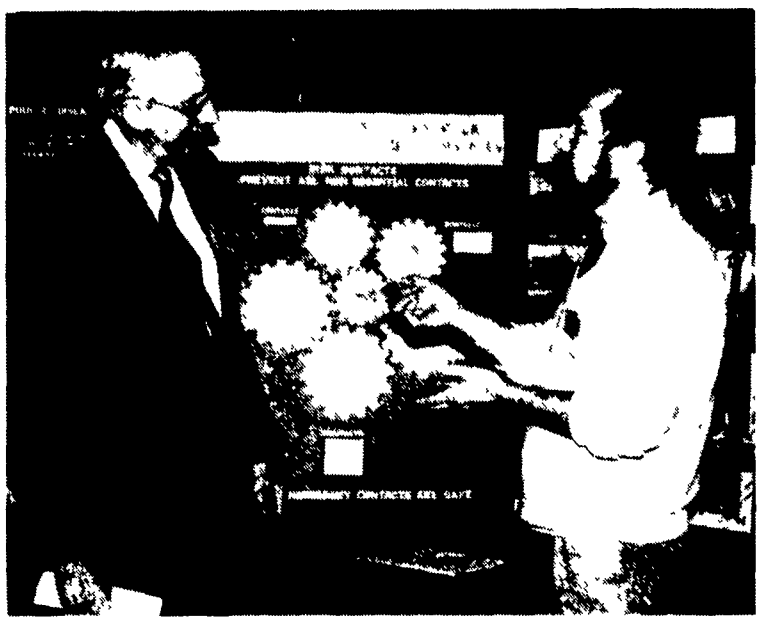
Conference Focuses On Reducing Risks

COLLEGE PARK, Md.— Nationally known veterinarians, poultry specialists and legal consultants from seven states and the District of Columbia will make presentations during this year's fifth regional meeting on practical biosecurity for poultry.



Dr. Edward T. Mallinson, left, poultry veterinarian for the Maryland Cooperative Extension Service, will be a speaker at this year's regional meeting on poultry biosecurity at the University of Delaware. His topic will be "How Clean is Clean Enough?" Mallinson is shown at last year's meeting with Dr. Hans M. Opitz, his counterpart at the University of Maine, who spoke on "Vehicles of Disease Transmission." Opitz is holding a fragment of the Berlin Wall, which at that time was a collector's item.

The speakers will deal with "Reducing Risks" related to *Salmonella enteritidis*, food safety and avian influenza.

The daylong educational event is scheduled Dec. 10. As in past years, it will be held in Clayton Hall on the University of Delaware campus at Newark, Del.-- easily accessible from Interstate Highway 95, near the Maryland-Delaware border and the lower end of the New Jersey Turnpike.

The meeting again is being sponsored by the Mid-Atlantic Cooperative Extension Poultry Health & Management Unit (MACE), a consortium of poultry science educators and agriculture regulatory officials representing land-grant universities, some state departments of agriculture, and several USDA agencies in New York, New Jersey, Delaware, Maryland, Pennsylvania, Virginia and West Virginia.

Speakers will include Edward L. Menning, executive director for the National Association of Federal Veterinarians; Monte N. Frazier, director of poultry health for Arbor Acres, the world's largest producer of broiler parent stock; and Maxcy P. Nolan, an Extension entomologist at the University of Georgia who is well known in poultry circles.

Dr. Menning's topic will be "Foodborne Illness-- An Enigma of Advancing Technology." Menning formerly was Surgeon General of the U.S. Air Force.

Dr. Frazier will speak on the "Salmonella Situation in Broilers." He is a former Extension veterinarian at the University of Connecticut. Dr. Nolan will present the latest information on "Rodent and Insect Control" in poultry flocks.

Edward T. Mallinson, poultry veterinarian for the Maryland Cooperative Extension Service, will address "How Clean is Clean Enough?" Dr. Mallinson is a faculty member of the Virginia-Maryland Regional College of Veterinary Medicine.

"There is mounting evidence to support the claim," Mallinson says, "that producers can make money controlling salmonella and other bacteria in both livestock and poultry operations-- not just from a marketing quality standpoint but in terms of lower production costs."

Christopher J. Pakuris, an attorney for a large Philadelphia law firm, will address the topic of liability for the poultry industry when outbreaks of salmonella enteritidis occur.

An invitation to attend the meeting is extended to large and small producers, processors, live market and auction managers, dealers, truckers and others associated with the poultry industry throughout the Mid-Atlantic area.

Registration confirmation and free coffee will start off the day's activities at 7:45 a.m. The program will get under way at 8:30 a.m. and adjourn at 3:30 p.m.

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1990 Corn Yield Results — **Roger Standage**
Date Harvested 10 12-90 — Ravenna, NE
Weighed by Pioneer — Buffalo County

Brand	Variety	Test Weight	% Moist	Bu/Acre At 15.5%
NC+	5891	56	23 7	169 5
Super Crost	5415	56	26 5	166 3
Super Crost	5460	57	25 9	171 5
George's	**6112**	**57**	**25.1**	**180 3**
NC+	5990	57	26 7	157 0
Pioneer	3180	55	24 0	154 3
Pioneer	3377	66	19 4	165 4
NC+	4616	57	18 6	169 0
Pioneer	3362	58	18 1	170 0
Pioneer	3379	58	16 9	171 3
Pioneer	3475	59	16 1	153 4
Pioneer	3467	59	17 7	171 0
Pioneer	3503	61	19 1	176 0
George's	**6109**	**57**	**19 7**	**176.3**
Super Crost	4386	58	20 9	159 0
Super Crost	2989	59	17 3	152 3
NC+	5891	57	23 7	170 0

1990 Corn Yield Results — **Bruce Welch**
Date Harvested 10-9-90 — Spring Valley, MN
Weighed by Pioneer — Fillmore County

Brand	Variety	Test Weight	% Moist	Bu/Acre At 15.5%
Mallard	612	52	25 6	154 5
Super Crost	1900	52	24 5	131 3
Super Crost	2000	52	27 3	144 2
Pioneer	3751	53	23 0	155 3
Jacques	5310	54	21 5	130 1
Great Lakes	446	50	21 6	139 3
Cargill	3637	51	25 7	147 0
Dekalb	451	51	21 5	131 3
Payco	549	51	25 8	146 4
Dekalb	485	48	21 2	122 0
Gutwein	2191	52	25 4	150 8
Pioneer	3733	55	21 5	154 5
Mallard	612	51	27 1	145 1
George's	**7102**	**52**	**25.1**	**180 7**
Cargill	4327	51	32 7	157 9
Jacques	5700	51	29 9	144 6
Pioneer	3585	51	25 9	155 3
Super Crost	2040	50	26 3	154 5
Cargill	4227	51	24 7	158 2
Viking	5202A	50	30 3	145 7
Mallard	616G	51	24 2	130 6
Dekalb	535	51	26 1	146 2
Gutwein	2412	50	24 7	137 7
Jacques	5700	50	27 8	148 9
Payco	648	52	26 8	151 2
Northrup King	N4545	49	24 9	152 3
Jacques	7700	52	30 3	145 8
Pioneer	3578	51	28 2	152 9
Jacques	6770	49	24 9	143 4
Jacques	7770	51	32 0	156 9
Gutwein	2605	50	31 6	151 2
Pioneer	3475	52	26 3	154 6
Payco	872	51	30 5	140 6
Mallard	621AA	51	30 8	142 2
George's	**6108**	**51**	**33.2**	**143 0**
Jacques	7820	51	35 9	138 2
Jacques	7700	52	29 2	144 7

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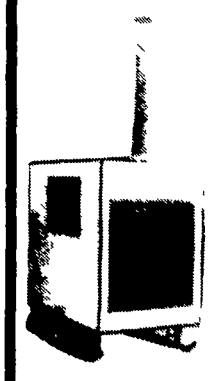

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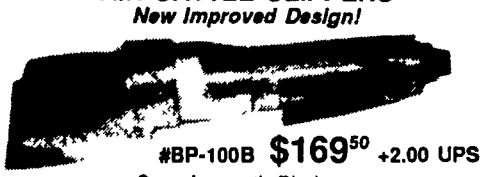

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Conservationists Build On Team Staff Conference

CHAMBERSBURG (Franklin Co.) — Donna Hays, secretary-treasurer of the Franklin County Conservation District, attended the third annual Pennsylvania Association of Conservation Districts Employee Staff Conference held recently at State College.

More than 100 district employees participated in the two-day conference which featured workshops and seminars focusing on team building training methods. Team members included district managers, secretaries, and technical staff.

Paul Strizzi and Steve Figley of the Department of Environmental Resources (DER), Training and Development Division took participants through a series of workshops on interpersonal communications, conflict management, group dynamics and problem solving techniques.

"We became more aware of the need to look at the people side of services that DER provides," said Figley. "Conservation districts have excellent staff and we want to provide them with expertise in dealing with farmers, planners, and the general public."

Conservation districts offer a variety of services in the areas of soil, water and natural resource management. These areas put district personnel in contact with many diversified segments of the agricultural and urban communities.

"The trend is moving into using more customer service skills," commented Strizzi. "It's an area that we (DER) are focusing on more."

In other events, staff members from eight conservation districts across the State presented programs from their districts in an idea exchange forum. Topics ranged from computer user groups to advancement within a district. Jeffrey TenEnyck, Executive Vice-President, New York Association of Conservation District Employees also gave a presentation on professional development in New York state. Other presenters included: luncheon remarks by Dr. James Grace, Department of Environmental Resources, Deputy Secretary of Resources Management; Margaret DelMonico, PA State Employees Credit Union; Patricia Calley, Department of General Services; and Edward Bechtel, PA Municipal Retirement System.

For more information on conservation district programs in Franklin County, contact; Franklin County Conservation District, 550 Cleveland Avenue, Chambersburg, PA 17201, (717) 264-8074.

Mummert Re-Elected Texas Longhorn Officer

FORT WORTH, Texas — Chris Mummert, Spring Grove, PA., was recently re-elected as secretary of the Northeast Texas Longhorn Association (NETLA), an affiliate of the Texas Longhorn Breeders Association of America (TLBAA). She has held that office for the past four years and was also treasurer for two.

Mummert and her husband Bill operate Cross M Stock Farms and have raised Texas Longhorns since 1977. Since they both work, the self-sufficiency of the Texas Longhorn breed appealed to them.

The Mummerts helped organize the Northeast Texas Longhorn Association four years ago, and Bill Mummert served two years as president. In addition to the Northeast affiliate, they are members of the TLBAA.

Chris Mummert is the executive secretary of the U.S. Office of the Continental Christian Crusade at Gettysburg, and her husband is the minister of the Gettysburg Baptist Church.

American Cyanamid, Deere Announce Closed Handling System

WAYNE, N.J. — American Cyanamid Company and Deer & Company have announced that the new LOCK 'n LOAD™ closed handling system for COUNTER® systemic insecticide-nematicide will be available across North America for the 1991 planting season.

The "closed" granular-chemical handling system, which was developed over a three-year period in a cooperative effort between American Cyanamid Company and Deere & Company, significantly decreases grower exposure to the insecticide while improving handling convenience.

The system consists of a special COUNTER® package with a built-in dispensing valve and a special hopper lid and receiving valve assembly that fits John Deere Max-Emerge® and MaxEmerge® 2 planters. Locking the valves together causes them to open allowing the granular chemical to flow from the package to the hopper. The valves close tightly when they are disengaged.

During spring 1990, 500 corn growers in selected areas of the Midwest used the system, which greatly reduces the operator's exposure to the pesticide, its dust, and its odor while filling the planter hopper.

Development of the LOCK'n LOAD™ closed handling system was, in part, a response to growing concerns regarding the burning of empty pesticide containers and other related environmental issues. The pesticide containers come on a special pallet, which makes it easy for growers to return them to local *Cyanamid AgriCenter™* dealers, who in turn send them back to Cyanamid for refilling.

According to both companies, growers who used the system last spring liked the system because it minimizes contact with the chemical and provides a safer method for storing their pesticides. They also liked the fact that there is less dust and smell and no bag disposal as well as CHS being a faster method to load their insecticide boxes.

In response to feedback from these growers, American Cyanamid, and Deere & Company made design changes for the 1991 planting season. Parts of the receiving valve on the lid and the dispensing valve on the pesticide package were redesigned to increase the convenience of using the system and improve the smooth flow of the pesticide from the package into the hopper.

Also, an over-center latch was adopted to fasten the rear of the closed handling lid to the pesticide hopper. This provides easier serviceability and end-of-season cleanout, because no tools are required to remove the lid.

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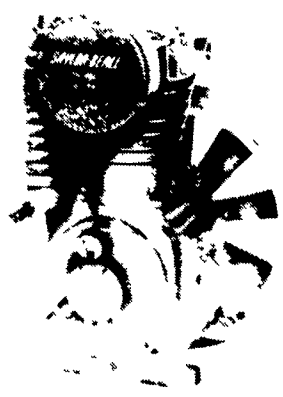

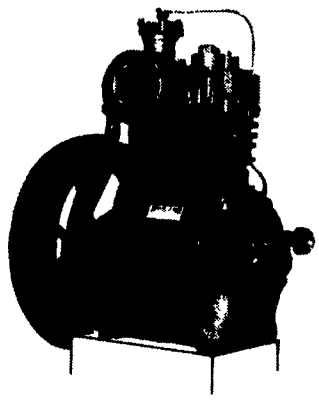

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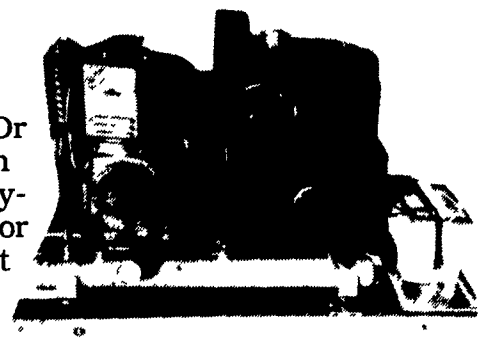

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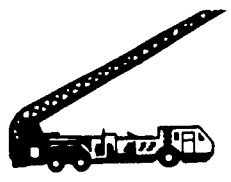

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Livestock Notes

Profitability Traits in Feedlot Steers

A recent report from the University of Missouri identifies several animal and economic variables that influence profitability for feedlot steers. The trial used data accumulated over five years in a feedlot program.

Animal data included average daily gain, starting weight, frame size, final weight, feed conversion quality grade, internal carcass fat, dressing percentage and total feed intake. Economic data includes initial steer value, feed cost per head, and lot cost per head. Veterinary, marketing, and fixed costs were assumed to be the same for all animals.

Variables that correlated well with profit (total carcass value minus all costs) were not usually associated with the animal. The highest correlations with profits were initial (-.47) and quality grade (.40). Those with lower relationships were feed conversions (-.25) and starting weight (-.23). It is also important to note that frame size was negatively associated with profitability; that is, as frame size increased, profits went down. In fact, this relationship was almost the same as that between average daily gain and profits.

Feedlot programs will often tell you the key to success in feeding cattle is to buy them as cheaply as you can and feed them until they grade Choice. This study certainly confirms that statement.

Effects of Restricted Nutrition in Mid-Gestation

An Ohio State study shows there will be no difference in reproductive performance after calving of heifers that had a restricted diet during mid-gestation. Crossbred heifers were divided into two groups with one group receiving sufficient feed to gain 1¼ lbs. per day from 56 days after breeding through gestation, and the other group restricted to .2 lbs. of gain from day 56 to day 188 gestation. This would be roughly the same as heavy reductions in feed intake during mid-winter for spring-calving heifers.

There was no difference in birth weight, calving ease score, or conception rate between the two groups. This in itself would indicate there would be no problem with this kind of feed restriction in mid-winter, but other factors must be considered. For instance, the restricted group weighed about 270 lbs. less at calving, and they gained about 88 lbs. more to weaning. Also, this weight gain in the heifers was at the expense of calf weaning weight with the calves from restricted group weighing almost 60 lbs. less.

There appear to be a couple of factors at work here. The increasing plane of nutrition of the restricted group after 188 days of gestation would help to explain why there was no difference in reproductive rate between the groups. This result has been shown before with beef cattle. However, with a young heifer that is still growing, that increase in feed appears to be partitioned into growth, rather than into milk production and calf growth. The trade-off of lower winter feed bills may not be justified.

Manage Control for Sows

Winter will soon be here, and with it the annual mange outbreak in many sow herds around the state. For producers with a treatment program, the outbreak won't be very bad and might not occur at all. For those who don't treat their sows, the situation will probably be a lot worse.

Mange is caused by a mite that burrows under the skin, causing itching and restlessness in the pig. Sows should be treated before entering the farrowing house to eliminate the risk of infecting baby pigs.

What does mange cost in lost performance? Studies have shown that pigs from mange-infested herds weigh about a pound less at weaning and take 5-7 more days to reach market weight. In addition, whole herd feed efficiency can drop as much as 10 percent. The number of born alive can also drop by as much as .6 pigs per litter. Under field conditions this adds up to an annual cost of nearly $80 per sow.

Let's look at some compounds used to control mange:

Permectrin, Ectiban- No age restriction, 5 day withdrawal, high pressure application required, 2 applications necessary (7-10 days apart), $18-$37 for 50 gal. (treats at least 100 pigs).

Prolate- Pigs must be over 3 months of age, 1 day withdrawal, high pressure application required, 2 applications necessary (7-10 days apart), $23 for 50 gal. (treats at least 100 pigs).

Taktic- No age restriction, 1 day withdrawal, partially systemic (absorbed through skin into the bloodstream), low pressure application OK, 2 applications necessary (7-10 days apart), $33 for 50 gallons.

Ivomec- No age restriction, 18 days withdrawal, must be injected under the skin, single application enough if no further exposure, also controls internal parasites, $.80 per 100 lb. ($32 for 40 pigs).

Mange can be expensive of not controlled in the sow herd. There are several compounds on the market that, when used properly, do a good job of controlling mange. The best control program includes treating the sows before farrowing and treating the pigs sometime after weaning. If you maintain that schedule and the mange problem in your facility is not too bad, treatment of pigs over 100 pounds is usually not necessary.

Gestation Feeding Level Doesn't Affect Reproduction

Researchers at South Dakota State University fed either 4 or 6 pounds of feeds to Large White x Landrace gilts during gestation. Gilts on the higher feeding level gained more weight during gestation, but lost more weight during lactation. Sows on the lower feeding level consumed 48 pounds more feed during lactation. Feeding level had no effect on number born live, number weaned, litter weight at weaning or days to return to estrus. Based on the conditions of this study, there is no advantage for feeding gilts more than 4 pounds of feed during gestation.

Meat and Bone Meal Processing Kills PRV

Researchers at Iowa State University recently concluded for the results of six experiments that the normal heating process for meat and bone kills pseudorabies virus (PVR).

Experiment 1: Pigs were infected with PVR and killed five days later. The carcasses were then subjected to the normal rendering process. Immediately after the hog carcasses were rendered, researched processed a group of uninfected cattle carcasses through the same plant. After rendering, samples from both the hog and cattle tissue tested negative to PRV.

Experiment 2, 3 & 4: Tissue samples taken during the rendering procedure showed the virus was killed early in the process. The 165°F temperatures apparently inactivated the PRV in as little as 10 minutes.

Experiment 5: Researchers contaminated processed meat and bone meal with PRV. Because of the dry nature of the meat and bone meal product, the virus remained viable for only four days.

Experiment 6: Twelve lots of the finished meat and bone meal product were monitored over a three month period. None tested positive to PRV.

The normal heating process quickly destroys the pseudorabies virus. Even when clean meat and bone meal is contaminated with live virus, the dry nature of the product inactivates the virus within four days.

Composting Under Study At Meeting

YORK (York Co.) — Yardwaste composting is the subject of two evening meetings being sponsored by Penn State Cooperative Extension of Franklin County on December 12 and 13. The training sessions will start at 7 p.m. and end at 9 p.m. in the County Administration Building, 191 Franklin Farms Lane, Chambersburg. There is no fee to attend.

The first session, on December 12, will be oriented to homeowners, gardeners and those intending to backyard compost for the first time. The composting process, materials, backyard composting techniques and health considerations will be among the topics discussed. Included in the program will be Clarence Harbaugh of Rouzerville, founder of the Franklin County Organic Garden Club.

Large-scale composting of yardwaste will be the subject of the second session on December 13. This session will be oriented to municipalities, gardening centers, farmers and those intending to compost large amounts of yardwaste. Yardwaste management options, DER guidelines, site operations, land applications and marketing will be among the topics discussed. Joe Sieber, Franklin County recycling coordinator, will be at this session to discuss DER grants for composting and the County Municipal Waste Management Plan.

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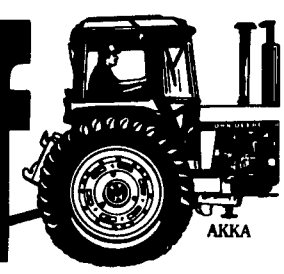

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Huntingdon Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

Huntingdon County DHIA
October, 1990
Rolling Herd Averages

Name Of Herd Owner	Brd.	No. Cows	Cow Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Tannery Road Farm	B3	84.0	87.7	23,503	731	897
Jim & Kim Grove	B3	28.0	92.3	21,086	684	719
Joseph McMath	3	50.5	85.5	19,137	652	766
E James McMath	3	125.7	90.3	19,566	641	767
Gerald E McMath	B3	71.7	88.1	19,176	641	705
Daland Farms	3	125.1	86.0	19,265	635	749
Sangrey Farms	B3	102.4	91.2	19,332	631	694
Lakevue Farms	B3	118.6	86.8	19,999	630	704
Dean E Varner	B3	27.2	85.4	19,407	624	701
Samuel K Byler	B3	58.8	89.7	19,513	620	688
Harry & Robin Barnett	G3	50.3	87.3	19,664	619	723
John W Lynn	B3	57.8	85.5	19,580	618	747
Locust Lane Farm	B3	130.5	86.3	19,192	618	710
Timothy R Peachey	3	91.2	89.3	19,176	616	710
Geary E Shade	3	89.7	90.4	19,170	614	714
Raymond Tussey	B3	42.3	88.0	19,099	607	624
Gibboney Farms	3	62.7	88.0	19,114	603	703
Philip A Yohn	G3	55.3	87.7	18,429	603	655
Ed & Nanc Quigley	B3	97.8	86.1	18,256	600	663
Branstetter Farms	B3	86.6	83.7	18,957	596	733
John + Tammy Stoltzfus	B3	51.7	80.8	18,448	596	618
Earl Lake	G3	120.5	86.4	19,830	594	680
Willard Yoder Jr	3	124.5	85.6	18,315	585	649
Baney Brothers	B3	65.5	86.6	18,205	584	645
Randy Kyle	B3	51.4	88.1	17,592	582	654
Carl C + Carol Barnett	B3	65.5	86.6	18,205	584	645
Durbin Farms	B3	129.8	91.2	18,246	570	648
John + Darlene Lake	B3	50.8	88.5	18,246	570	648
James Boone	3	44.9	85.9	18,682	564	701
Tom & Gloria Coffman	B3	90.8	87.2	17,785	564	627
Seven Stars Farm	B3	91.3	89.2	17,975	561	645
State Correctional Institution	3	146.8	87.7	17,495	558	638
Gensimore Farms Inc	B3	95.5	89.3	17,695	561	645
Roland G Yoder	3	107.4	88.4	17,190	561	654
Tery & Cathy Eutzy	B3	31.3	85.4	18,004	560	627

Lactation Report

Tannery Road Farms 107	3	3-3	305	29,248	1085
Branstetter Farms #Kim	3	8-1	305	27,164	1077
E James McMath Sweet16	3	5-1	305	26,473	1053
Evergreen Farm No 3 193	3	5-2	305	23,227	1039
Geary E Shade Eloise	3	5-3	305	23,956	1005
State Correctional Institution 47	3	6-0	305	27,252	1000
Samuel K Byler 809	3	6-6	305	23,754	944
Behrer Farms 708	3	3-3	305	23,146	936
Gerald E McMath Dot	3	6-11	305	30,111	935
Gibboney Farms Granny	3	6-10	305	20,514	927
James Boone 74	3	6-3	305	23,300	925
Shy Beaver Farm 70	3	3-10	305	26,078	924
Lakevue Farms Cmickey	3	6-9	305	25,079	913
Timothy R Peachey Patty	3	3-3	305	25,240	904
Locust Lane Farm Y245	3	5-3	305	23,371	902
Tom & Gloria Coffman Ada	3	3-9	305	25,311	887
John + Darlene Lake 17	3	5-4	305	10,685	883
Ed & Nancy Quigley 71Selma	3	4-5	305	22,593	880
John W Lynn Lemonad	3	5-11	305	21,680	872

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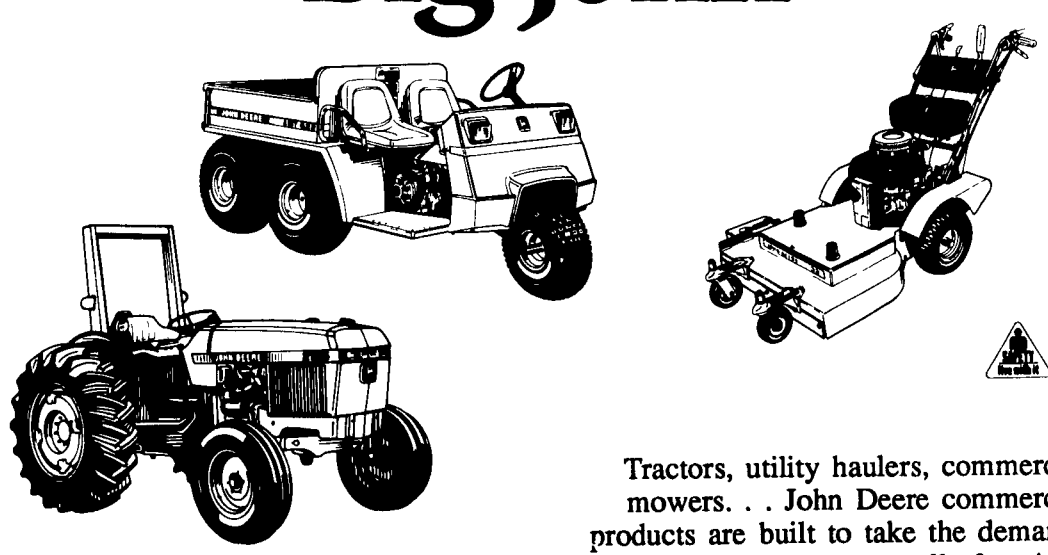

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Juniata Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

JUNIATA CO. DHIA
October 1990

Records were calculated for 5,234 cows in 101 herds. The ten highest Rolling Herd Averages for the most recent 12 months of production are:

Rolling Herd Averages

Name	Breed	% Days In Milk	Milk Pounds	Protein Pounds
Ken Deamer & Sons	38H	90.9	24,033	773
Roy & Glen Henry	73H	89.7	22,588	694
Steve & Barbara Wilson	33H	87 5	21,187	671
Rick & Jeanette Saner	47H	88.4	20,723	660
Daryl & Del Brubaker	79H	86.9	20,468	656
Mark L Zook	67H	91.2	20,843	656
Harold & Jeff Kauffman	42H	87 5	20,253	639
Glenn & Shirley Graham	45H	87.1	19,291	636
Donald Q Adams	52H	85 5	20,058	643
Harshbarger Brothers	39H	89.0	18,585	616

Four Hundred and sixty-six cows completed records of 305 days or less. Three produced over 850 lbs of protein, 13 produced over 750 lbs. of protein, 46 produced over 650 lbs. of butterfat.

Lactation Report

Daryl & Del Brubaker 73 Liza	27,980	869
Ken Deamer & Sons Babs	29,921	861
Misty	25,885	831
Milly	26,487	830
Steve & Barbara Wilson Patty	27,472	858
Bonita	24,166	751
Roy & Glenn Henry July	26,937	797
Melvin M Martin Y52	26,881	796
53	27,405	768
James V Wilson 14	24,994	786
Mark L Zook Dairy	23,959	782
Zimmerman Brothers Phoebe	21,806	780
Speerette Farm Nellie	24,874	763
Grand Hope Farm 437	25,271	758
Rick & Jeanette Saner Tina	26,361	756
Norman & Peggy Love 257	25,102	756

Crop Weeds Face Deadly Combinations

WASHINGTON, D.C. — "Cocktail time" is fast approaching for crop-hindering weeds, but few of them are likely to survive the party.

Roy J. Smith Jr., an agronomist with the U.S. Department of Agriculture's Agricultural Research Service, has been studying the "cocktail" approach to weed control, blending chemicals and natural weapons such as fungi to solve multiple problems in a single sweep.

Smith doesn't invent the ingredients; those come from commercial manufacturers and research laboratories, and include both commercially available herbicides and experimental materials.

His specialty is the combinations. Using fungi and herbicides, he's blended substances capable of hitting two weeds at once, and one blend even goes after three.

While Smith works primarily in rice, he says there's no reason why similar combinations can't be organized against weeds in other crops. And he emphasizes that the combinations aren't creating brand-new weapons — simply blending two that can co-exist peacefully as each goes about its business of fighting weeds.

A basic ingredient in Smith's recipes is a form of the fungus Colletotrichum gloeosporioides, marketed by Ecogen Inc. of Langhorne, Pa., as Collego. An ounce of the fungal spores — about 78 billion spores — per acre will wipe out northern jointvetch, a major weed in rice fields.

"Northern jointvetch makes little black seeds that get into the rice, so farmers are paid less for their rice," said Smith, who works at the Rice Production and Weed Control Research unit operated by ARS at Stuttgart, Ark. "We had other weeds we needed to control, too, so we started looking at possible combinations of fungal pathogens and herbicides that would be environmentally safe."

One of the early finds was a fungus that attacks winged water primrose, an aquatic weed in rice. Researchers were able to grow the fungus in the laboratory, put it in rice fields and wipe out the weed using only an ounce of spores per acre. Best of all, it mixed well with the fungus that attacks northern jointvetch.

"It looked really good in research," Smith said. "But there was one problem — winged water primrose isn't prevalent enough to justify a company developing this commercially. Perhaps, in the future, if this weed becomes a big problem, someone might reconsider this."

Hemp sesbania, on the other hand, is a big enough problem to attract major herbicide company attention. Seen in both rice and soybean fields, hemp sesbania, like northern jointvetch, sullies the harvest with little black seeds, resulting in lower payments for the crop. Hemp sesbania and northern jointvetch are considered "companion weeds," since they like the same type of environment and often infest the same fields.

The chemical acifluorfen is commonly used to control hemp sesbania, but does little to block northern jointvetch. Smith discovered that acifluorfen can be applied in conjunction with the fungus against northern jointvetch, and that combination now is used by farmers.

Similarly, bentazon, the chemical used against the aquatic weed redstem, also works well in combination with the fungus, Smith said.

"You're not as likely to see all three of these weeds — northern jointvetch, redstem and hemp sesbania — in one field, but if you do, we've even developed a three-way mix that gives good control of all three," he said.

The next, and tougher, step is finding a fungicide that fights crop diseases without also wiping out the northern jointvetch-fighting fungus, Smith said.

"The amount of rice that's treated with a fungicide has increased tremendously in the last seven to eight years," he said. "But the main one used is benomyl, and it's quite injurious to C. gloeosporioides, As it stands now, a farmer has to choose between using the fungus for his weeds or a fungicide for crop diseases."

One promising newcomer is a fungicide called iprodione. Smith said it can't be applied at the same time as the beneficial fungus, but the fungus can survive in a field treated earlier with iprodione.

Even more encouraging is an experimental fungicide called pencycuron. According to Smith, this can be mixed directly with C. gloeosporioides without injuring the fungus. "It'll be a pretty good step forward when it's approved for use on rice," he said.

"We also hope to find other natural fungi like the one that attacks winged water primrose," Smith said. "I think they're out there somewhere for most of our major weeds in rice, particularly the aquatic weeds.

"We are constantly researching ways to produce and improve weed control strategies that protect the environment. I think these types of mixes are among the most promising," he said.

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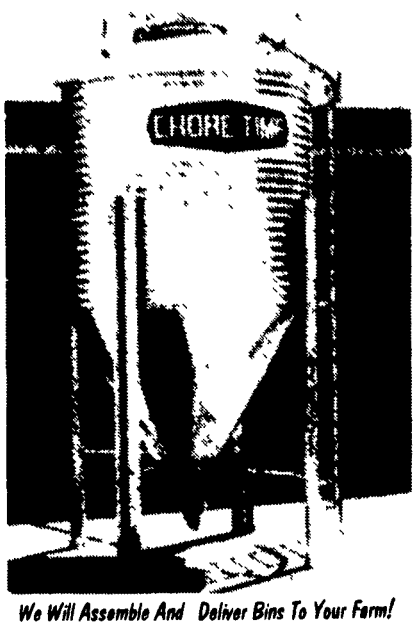

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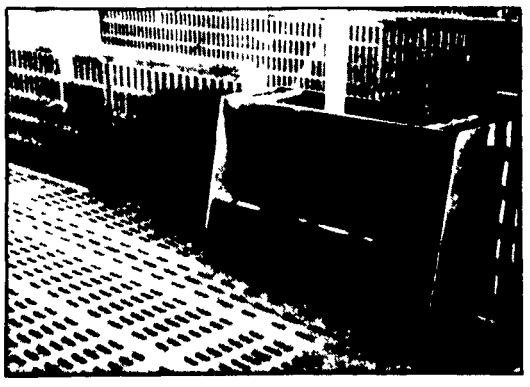

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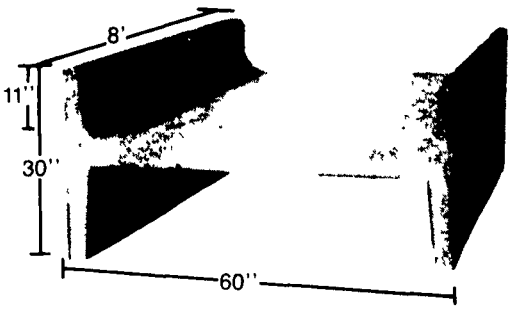

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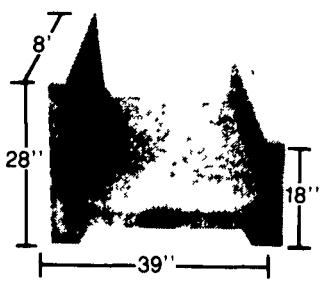

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Chick Mortality Affected By Breeder Fowl Health

HERBERT C. JORDAN
Associate Professor
Poultry Science

Early death of young birds in captivity can be alleviated, often substantially, by improving the health of the breeder fowl before and during fertile egg production time.

"Yesterday is today" in poultry management. How breeders perform, and how their embryos develop, hatch and grow, depends on care of young breeders from one day of age.

Over years of opening unhatched eggs to examine chick, embryo, blastodisc or blastoderm, I have seen infertility or early-dead range from 10 percent to more than 40 percent of the eggs set. Hatchability of fertile eggs also has been found in the range of 40 percent to 90 percent.

Furthermore, poults or chicks grown out from unhealthy breeders will result many times in young that never perform well. The goal, then, is to improve the health of our breeder fowl to result in healthy embryos that grow into healthy, productive chicks and adults.

Consider:

• What a female eats from one week to 16 weeks of age may affect the quality of fertile eggs and chicks that she produces as an adult. Effects of poor nutrition is also true, although less evident, in the male. Neglected breeders often result in low quality chicks, even though the breeders carry the genes to perform well.

• Breathing -- voluntary or involuntary -- must be regular, not labored, in order to effectively supply oxygen to all necessary cells of the breeder's body, and produce a healthy mom and chick.

Sufficient fresh air for breathing, and adequate living space, are two low-cost requirements for breeder fowl. A breeder female chicken may utilize 40-50 cubic feet of air or more per day. At .072 pounds per cubic foot, the air consumed may weigh 3.6 pounds per day, which is more pounds than the feed she'll consume in a day.

• Diarrhea or manure that is watery, liquid or loose is a problem itself and also may give rise to additional problems. Maintaining a normal gastrointestinal tract in both breeder and young birds is vital. A healthy GI tract is worth 100 hours a year of your time.

In birds with loose manure, some of the feed has not had time to be digested so that all essential nutrients are not absorbed by the intestine. Feed passing through the body undigested is a lost resource.

Wet litter or wet manure in a pit may result in too much toxic gas in the breeder pen, and may lead to a reduction in mating. Fertility declines, hatch is low or late, and the chicks produced are weak. Started chicks or poults from a breeder flock kept under such conditions frequently die.

Abnormally wet manure (diarrhea) can result from consumption of moldy feed, dirty water or contaminated litter. If birds eat such litter illness can result. Wet manure may also result from excessive protein, salt or other minerals in the diet.

Formed manure produced in a stool not only indicates a healthier bird and offspring, but it will dry faster and be higher quality fertilizer without a repulsive odor. Dry stooled manure produces fewer flies.

• Obesity in a breeder bird of any species is undesirable. Excess, hard abdominal fat seems to reduce the bird's ability to produce viable sperm or egg cells that combine to yield high fertility and hatchability.

Eggs produced by most fat birds do not seem to have a vigorous, viable, embryo. According to some scientists, mutation, metamorphosis or functional change in birds take place in egg cells before or after fertilization. Not all mutations are valuable, as the egg cell can change into a weak or crippled chick. Some say evolution takes place in the egg cell.

• Flabby muscles, rarely seen in breeders and rarely seen in pheasants, nevertheless is possible. This disorder results in birds given to much sitting, a lower mating rate, and when mating, production of weak embryos. Breeders suspected of flabby muscle disorder should be handled weekly to determine softness of muscle, especially in the legs, and lameness. All dead breeders with flabby muscles should be necropsied.

Diet and exercise can firm up the muscles of living birds. Some vitamins, amino acids and unidentified components in ingredients such as fish meal can be generated as a result of gut fermentation in a well-fed breeder to help produce more fertile eggs and healthy embryos and chicks.

• Lightweight, abnormal or low-density bone in breeders may lead to their sitting rather than moving, which results in reduced mating, and to inadequate egg or sperm production.

The quality of sperm and eggs produced by birds with low quality bone marrow or bones is a question to be examined in the future. Bone and joint disorders appear to be more common in some poultry today than ever before.

• As amino acid level in feed reaches the optimum or excess, feed intake is reduced, some scientists report. Limited feed intake will produce a bird with characteristics difficult to measure.

To determine nutrient consumption in breeders, feed consumption should be measured daily. Nutrient content of the litter, or anything at which a bird pecks, should be considered as well as feed. Also, sources of other nutrients, such as vitamin-mineral-electrolyte (VME) solutions, and carriers in other treatments such as vaccines or medicines, should be examined.

• Abnormal feathers in breeders can be an indication of poor health and a harbinger of illness and weak chicks. Feather quality should be a matter of daily observation. Abnormal feathering may result from too much competition among birds, social incompatibility, poor nutrition, toxic gas pollution in the atmosphere, low water consumption, wet litter, air- or feed-borne pollutants, or inadequate living space per bird.

Feather quality of breeders can be improved by elimination of the above problems, and by cool-room brooding of chicks at two to six weeks of age that will be sub-

(Turn to Page D24)

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Chick Mortality

(Continued from Page D23)

sequently used for breeders. Ideally day-old started breeder chicks should be given a choice of heat and a cool room.

• Leg and foot disorders of breeders hinder the fertilization and hatch of more strong chicks than most managers realize. A weak-legged breeder, sitting down more than half the time, has very poor health and also may have weak sperm or egg cells.

The opening of many thousand unhatched embryos has made it obvious that most are weak late embryos unable to cut out of a shell or are early-dead that have been reported as infertile.

Breeders must exercise, and therefore must be given the space to move.

• Although yet unproven, gizzard function seems to relate to bird health and reproductive performance.

• Gizzard size, strength and function in some turkey, chicken and game birds such as pheasants, appear to be abnormal. Gizzards may be small, pale, flabby, fat and having poor function. Look for this in all dead birds.

Birds on a high-fiber diet plus granite or insoluble grit and some clean litter-for-eating show gizzards that are larger, red, lean, firm, and with little adhering fat.

• Nervous system disorders, both behavioral and brain inflammation, appear to be on the increase and may result in poor breeders. Diagnostic veterinarians have reported more incidences of slight brain inflammation to me in the last 10 years than in the previous 10 years. It may be that veterinarians are reporting it more, or that the incidence of it is greater.

The answer may be in the conditioning of a breeder to be a breeder. Some farmers believe that the care, feed and environment of a breeder during its growing-up period can produce a better breeder and, hence, a better chick from her egg. Young pullets given a roost will, as adult breeders, seek a nest, thus preventing dirty-floor eggs.

• Abnormal nitrogen metabolism may lead to several disorders, as well as produce abnormal manure, whose problems we have already considered.

Nitrogen in a normal bird's body is effectively handled by the urinary, digestive or other systems. Abnormal nitrogen digestion, assimilation, metabolism or passage in waste is evident in one or more of the following: white, viscous liquid in manure rather than normal whiter, pasty urates; overabundance of white, pasty urates compared to percentage of dark manure (this occurred in adult Bobwhite quail fed a high protein starter ration); gout or bumblefoot.

• Many of us know too little about the mechanism by which an unhealthy breeder bird prevents or recovers from disease, but the glandular, endocrine and immune systems may each or all be involved.

Some nutritionists are advising that nutrients can sometimes replace medicines to maintain healthy birds and prevent disease, or shorten the recovery period of a bird that already is ill. Codliver oil, molasses, VME, essential fatty acids, essential amino acids and fiber have been used from time to time to improve bird health. Put all sick birds in a hospital pen; they will improve and so will the manager.

In summary, our goals remain:

• To eliminate or minimize early death of young animals by studying the amount and cause of weak or dead breeders or young. Health of each chick must be recorded, simply reporting dead or alive at day old is of little or no value. Quality, not just quantity must be our goal.

• To improve future hatches by opening and diagnosing qualitatively all late or unhatched eggs. Make necessary changes when cause and effect are discovered.

• Evaluate breeders by evaluating their offspring the entire way to market.

Company Opens New Location

LANCASTER (Lancaster Co.) — P. Lebzelter and Son Company recently opened their fifth Goodyear location at 199 Merts Drive in Elizabethtown, Pennsylvania.

The location will do business as Lebzelter's Field and Fleet Center and will specialize in serving the agricultural and commercial/trucking segment of the tire and service market. They will provide service at the site as well as on-the-farm or off-the-road with a fleet of vehicles equipped to provide this service. Lebzelter's also has installed a computerized alignment machine capable of aligning all vehicles.

The location will also carry a full line of passenger and light truck tires and will offer a menu of services to the automotive and light truck market.

The location will be managed by James R. Reed who has been with Lebzelter's since 1985 and who has served in several positions in the company, the most recent of which was manager of the Lebzelter's Downtown location. He and his wife Linda reside at 244 Doe Run Road in Manheim and are the parents of a daughter, Mindy, a student at York College of Pennsylvania.

P. Lebzelter and Son is the oldest Goodyear dealer in the world having just recorded 90 years affiliation with the international tire manufacturer. They have served the Lancaster transportation industry since 1854 and have locations at 1601 Manheim Pike, 1543 Oregon Pike, 300 N. Queen Street, Lancaster, and 237 Manor Avenue, Millersville.

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Alliance Appoints Brubaker To CAC

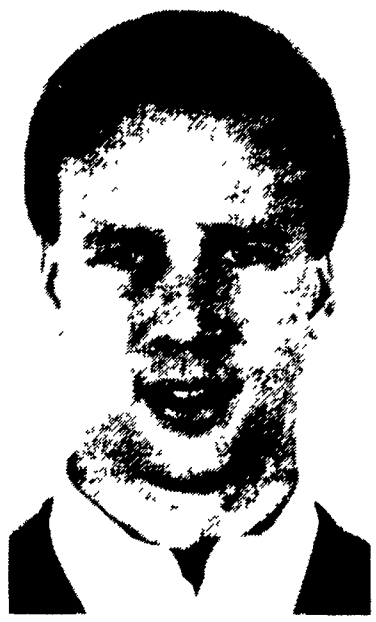
LITITZ (Lancaster Co.) — On November 17, Michael W. Brubaker was appointed to the Citizens Advisory Committee by the board of directors of the Alliance for the Chesapeake Bay.

The primary responsibility of the Citizen Advisory Committee (CAC) is to review state and federal bay programs and assess their contribution to achieving the goals of the restoration effort. The committee membership includes representatives from each of the watershed jurisdictions.

The committee helped to shape many of the commitment strategies developed in 1988 and continues to track implementation of these plans through the review of workplans and budgets at its quarterly meetings.

Activities of the CAC in 1989 included representation on the "blue ribbon" toxics panel, cosponsorship of the Alliance conference on growth and development, and analysis and comment on the first three fisheries management plans developed under the Bay Agreement. The citizens' panel also gave considerable attention the past year to the role of federal agencies in the bay cleanup effort.

Michael owns an agricultural and environmental consulting firm, which he founded in 1978, B.A.C.S., Inc. helps farmers increase crop production and farm profitability; monitors more than 200,000 acres of farmland under contract in Pennsylvania, Maryland, Delaware and New Jersey; conducts independent contract research; and works with local, state and federal soil conservation services.



Michael Brubaker

Slack Is Miss Charolais

KANSAS CITY, Mo. — Thea Slack of Kinnear, Wyo., recently was selected to serve as the 1990-1991 Miss Charolais USA. As queen, Slack will be the Charolais ambassador at livestock shows, sales, and other beef industry events throughout the United States and Canada.

Slack, the 20-year-old daughter of Terry and Patty Slack, has lived on a purebred Charolais ranch her entire life. She owns a purebred Charolais herd of 38 cows. Slack has been active in 4-H, FFA, sports, and numerous other extracurricular activities. Highlights of her participation include placing third at the National 4-H Livestock Judging Contest, traveling to Germany and Japan through FFA programs, and serving as Wyoming state FFA president in 1989-1990.

Thea Slack

Currently a sophomore at Laramie County Community College in Cheyenne, Wyo., Slack is majoring in international agriculture. She plans to finish her education at Cornell University.

New M-F 300 Series Hiline Cab Tractors

"I thought cabs were a luxury. Now I know better."

When he stopped in at his M-F dealer last month to price a new utility tractor, Joe Bunson got a big surprise. His favorite tractors — the M-F 300 Series — now came with a cab option.

Joe Bunson

"I'm a very practical person ...just ask my wife. That's why I like the M-F 300 Series tractors so much. But I just never figured a cab was all that necessary.

"I do now. That M-F Hiline cab really changed my mind.

"For starters, it's tight and quiet... it really fits the tractor to a tee.

"Visibility's good, too, even at night. I can aim the work lights right where I need them. That plus the dual-level heating and air conditioning lets me keep going long after dark without coming home totally beat.

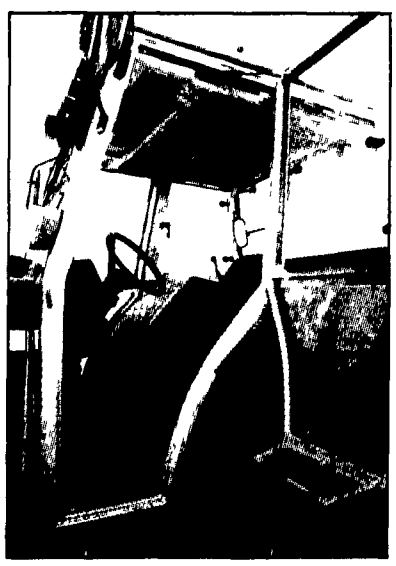
"Of course as much as I like the Hiline cab, I wouldn't have bought it if it was on any other tractor.

"My dealer says more farmers bought M-F tractors last year than any other make...one out of every five tractors sold in the Western World.

"Doesn't surprise me any. Those Perkins engines are just amazing. Lots of low-end torque, and they're still more economical and reliable than anything else I've seen.

"And my neighbors can't figure out how I get such a smooth job of plowing. I tell them it's just skill...but really it's the Ferguson hydraulics.

"Yes, sir. Getting that new M-F 390T with the Hiline cab is probably the most practical thing I've done. You ought to go get one for yourself."



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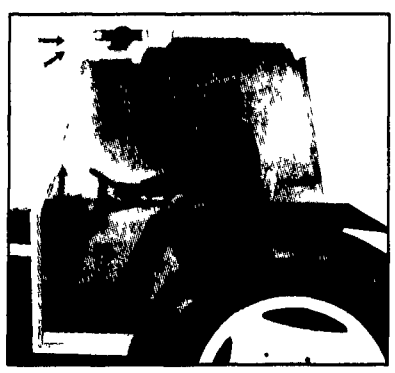

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M-F 390	70
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M-F 398	80
M-F 399	90

*Manufacturer's rated PTO horsepower. All models available with 2 or 4-wheel drive. Some can be equipped for Wide Row Crop or Low Profile applications

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Belarus

Barn Equip.

	MODEL	HP	CASH
	250	31	$5,395
	T25 Backhoe Loader	31	$16,922
	400 AN	57	$9,848
	T42 4WD Backhoe Loader	57	$22,975
	420 AN 4WD	57	$11,495
	505	70	$10,995
BERG	525A 4WD	70	$12,825
BUTLER	562 4WD w/Cab	70	$13,479
FARMWAY	572 4WD w/Cab	70	$13,975
FIBERDOME	820 4WD	85	$14,895
J-STAR	822 4WD w/Cab	85	$16,222
JAMESWAY	922 4WD w/Cab	100	$23,142
STARLINE	Engine For Air Skid Loader	31	$3,650
	Placement Cooled Power Plant	57	$4,995
	Toy Tractor 1/43 Scale		$15.95

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Hoe Drill Linkage Provides 10-Inch Vertical Movement

ASSARIA, Kan. — Great Plains' new 30' and 40' multi-flex floating hoe drill is designed to insure consistent planting depth and penetration. It features an innovative parallel linkage hoe opener. The parallel linkage design provides unmatched 10" vertical movement to follow ground contours while the hoe tip angle remains constant throughout the float range. This design dramatically improves hoe drill planting accuracy.

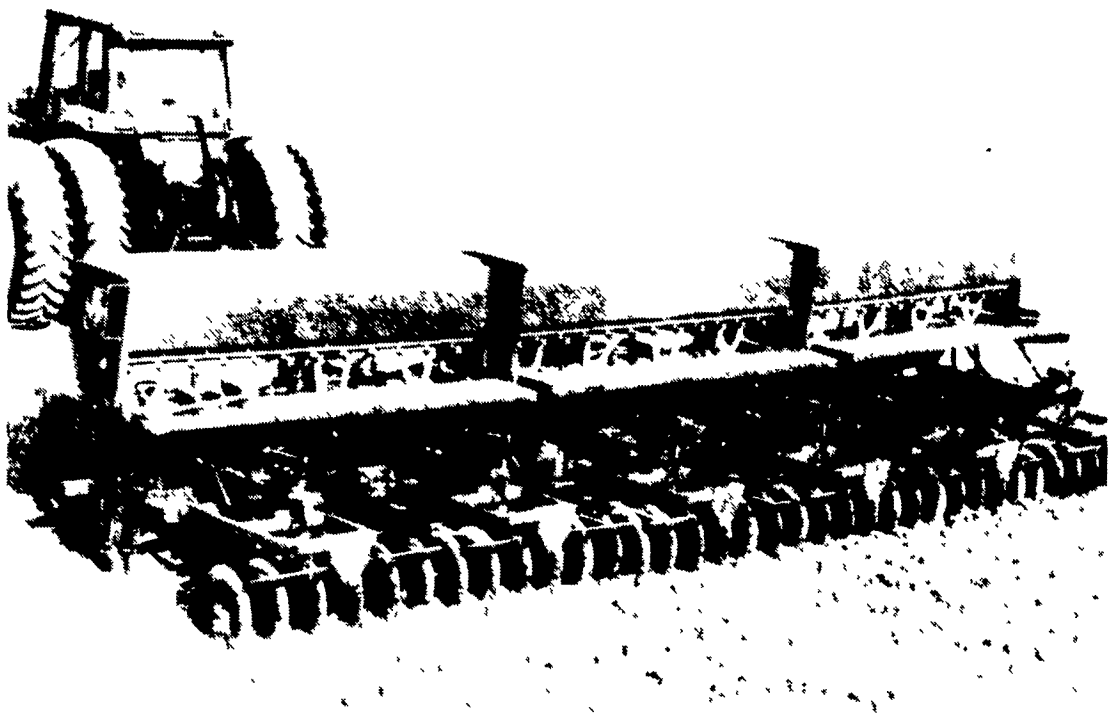
Designed to allow seeding in a variety of farming conditions, this drill is equipped with adjustable rock trip settings of 360 lbs. or 440 lbs. and adjustable downfloat for shallow and softseed bed conditions. Its eight large gauge wheels with rephasing hydraulic lift offer superior flotation in soft fields.

With three ranks of hoe openers, with 20½ " vertical clearance and 19" between ranks, the multi-flex floating hoe drill can handle heavy stubble conditions. Openers are available in 7", 10", and 12" spacings.

Two-way flexibility is another important benefit. The floating subframe offers 12½ degrees upward and downward flexibility and the wings (lateral) offer 15 degree upward and downward flexibility.

The multi-flex floating hoe drill can be hydraulically folded for quick and easy transport, and offers a minimum of 15" ground clearance.

Options available include dry fertilizer attachment, hydraulic markers, and press wheel rock guards.



Great Plains' multi-flex floating hoe drill features parallel linkage hoe opener. The parallel linkage design provides unmatched 10" vertical movement to follow ground contours while the hoe tip angle remains constant throughout the float range.

Yeutter Names Beef Promotion Board Members

WASHINGTON, D.C. — Secretary of Agriculture Clayton Yeutter announced 21 reappointments and 16 new appointments to the national Cattlemen's Beef Promotion and Research Board. All but one will serve three-year terms beginning Dec. 1, 1990. The single appointment is for one year to fill a vacancy created by a resignation.

The beef board is composed of 111 members representing 38 states and three regions. The secretary selects the appointees from cattle producers and importers nominated by organizations representing beef, dairy, veal and importer interests.

Reappointed members representing cattle producers, by state and region, are: Arkansas-- Walter L. Tullos; Colorado-- Harold L. Felte; Florida-- James C. Bass; Idaho-- Thomas E. Shaw; Illinois-- Randall R. DeSutter; Kansas-- William M. Beezley; Kentucky-- Brainard L. Palmer-Ball Sr.; Minnesota-- James C. Bryan; Missouri-- Arlen H. Schwinke and Junior Simpson.

Nebraska-- Richard W. Mercer, Donald E. Moore; North Dakota-- Richard M. Tokach; Ohio-- Morris M. VanGorden; Oklahoma-- Creede Speake, Jr., Harl E. Merklin; Texas-- Charles E. Ball; Virginia-- Richard S. Ellis IV; Wisconsin-- William L. Ehrke; the northwest region (Alaska, Hawaii and Washington)-- Harold S. Cox.

Newly appointed members, by state, are: Alabama-- L.D. Fitzpatrick; California-- Myron L. Openshaw; Georgia-- Andrew H. Lemmon; Iowa-- Harlen A. Kardel; Kansas-- Janet L. Ferguson-Lyons; Montana-- John P. Eidel; New York-- Jean Shwartz; Pennsylvania-- Ralph E. Dotterer; South Dakota-- Richard G. Kjerstad; Texas-- Hilmar G. Moore, Julia R. Marietta, J.G. Walker Jr., and Frank V. Callahan.

Reappointed to represent importers is Frances M.L. Cassidy, and newly appointed to represent them are Robert A. Far and Robert F. Wolf. Robert M. Carter of Texas was appointed to fill the vacancy resulting from a resignation of a Texas member of the board. Carter's term will expire in 1991.

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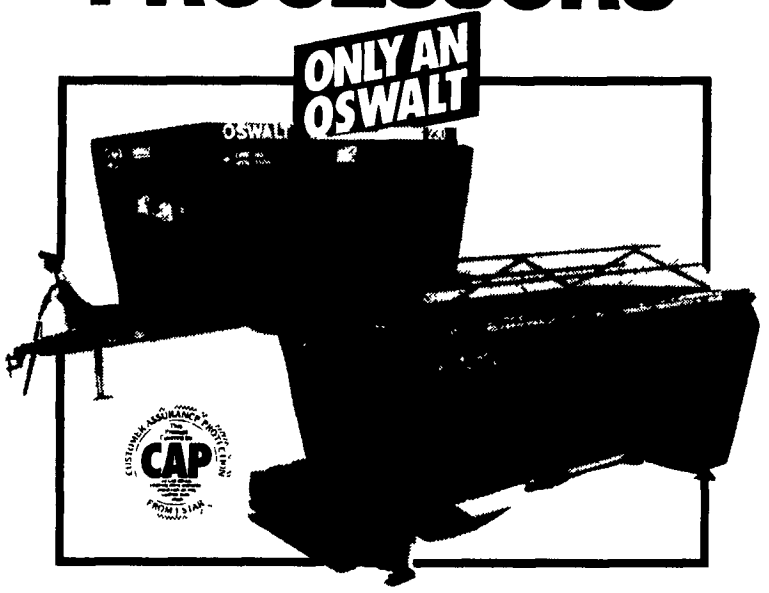
OSWALT Model 180 and 230 TMR/HAY PROCESSORS



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Oswalt TMR/Hay Processors are clearly superior in their ability to mix all types of ration ingredients, including dry hay. A reel-type mixer, particularly when fully loaded, retains a quantity of the dry hay in the center of the reel which then simply turns over with the reel and receives little mixing. Your hay just gets a free ride and your final mix is uneven at best. In an Oswalt TMR/Hay Processor, the hay is processed and evenly and aggressively mixed throughout the ration. It has no place to hide.

A key element of mixing dry hay into a ration is processing the hay while all ration ingredients are being mixed. That means tearing the hay apart and reducing fiber length during the mixing process.

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Pennsylvania Dairy Herd Improvement Association

BREED CODES:

1	Ayrshire	5	Brown Swiss
2	Guernsey	8	More Than One Breed
3	Holstein	G	Grade
4	Jersey	B	Grade and Registered

October, 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
M W Smith Farms	B3	81.2	86.5	21,845	744	707
Richard Metz Jr	3	33.7	89.9	21,418	812	683
Kenneth R Benner	3	66.6	88.2	22,000	809	681
Ray E McMillen	3	108.9	88.1	20,388	758	661
Robt & Bernice Gabel	3	42.0	90.7	19,354	673	636
Benjamin E Dum	3	45.1	89.4	19,426	773	634
Perry Valley Farm	B3	49.9	84.0	20,051	715	634
Alrada Farms	B3	94.9	89.4	20,076	753	632
Donald Dum	3	37.9	88.4	19,637	756	624
Martin Brothers	3	191.2	88.9	19,390	722	623
Dean & Eric McMillen	B3	76.2	87.0	19,106	662	623
David H Weller	B3	63.9	87.8	18,834	697	615
Edward C Brofee	B3	129.2	87.7	19,573	725	612
Carl R Martin	B3	64.9	88.2	19,638	706	609
Nevin G Rice	B3	108.0	86.8	18,674	675	606
Melvin S Weaver	B3	89.0	84.8	19,447	697	601
Perry Kretzing +Sons	B3	150.9	86.3	17,932	647	592
Max + Flo Reapsome	3	54.1	88.7	18,585	703	592
George Brubaker Jr	B3	47.9	88.2	18,938	655	591
Edward Horn	3	46.2	85.1	19,065	682	591
Earl E Brubaker	B3	57.2	87.3	18,795	667	586
Byersholm Farms	3	30.8	92.8	18,738	672	586
Richard L Maurer	3	55.4	87.0	18,379	714	585
Bratton View Farms	3	69.6	90.8	18,614	698	582
John-Timothy Adair	G3	53.3	87.9	17,927	670	582
Carl E McMillen	3	76.2	85.6	18,607	653	581
Clark W Bower	B3	95.8	86.7	17,950	682	579
Dale Smoker	B3	80.3	83.1	18,018	626	579
Philip E Brubaker	B3	62.4	82.8	18,540	633	578
Arthur E Dum Jr	G3	65.7	88.9	17,921	682	576
Mervin H Huber	B3	34.9	84.5	17,683	683	576
Robert + Linda Loy	B3	63.3	87.2	19,050	703	574
Richard G Smith	3	63.3	87.7	18,307	679	573
Lyons Brothers	B3	65.3	89.0	17,722	658	571
John W Achenbach II	3	50.5	88.8	17,652	636	571
Duane L Hertzler	B3	158.8	86.5	17,973	667	567
O'Toole Bro's	B3	48.6	88.0	17,691	659	565

Clearfield County DHIA
October, 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Hicks Dairy Farm	B3	69.7	91.5	20,648	724	669
R Wriglesworth & Son	B3	56.4	86.7	19,660	727	621
Orner Farms Inc	B3	73.4	87.1	19,024	713	601
Martin Whitaker	B3	31.3	87.1	18,965	654	589
Carl G Brink + Sons	B3	69.9	89.9	18,133	644	569
Ecklund Holsteins	B3	51.4	85.8	18,338	646	568

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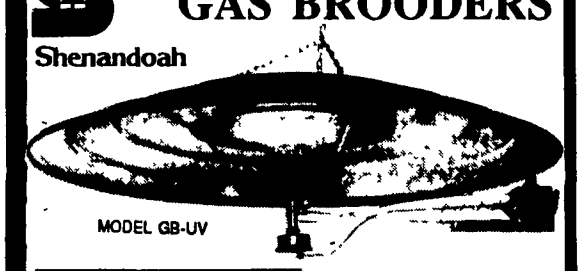

MODEL GB-UV

The 110-S Control combines a snap-action thermostat with 100% safety valve. It is calibrated for brooding temperatures from 75° to 110°

20,000 to 40,000 BTU
30,000 BTU Standard Size

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Infrared Heaters with Individual Temperature Control

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SBM stainless steel heaters are the most cost effective heating systems available today. Fuel savings can run up to 50% or more because you heat the pigs, not the air. Find out more today about SBM heaters and controls.

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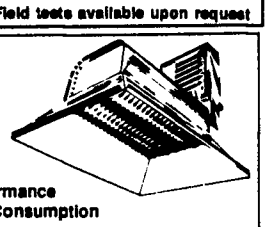

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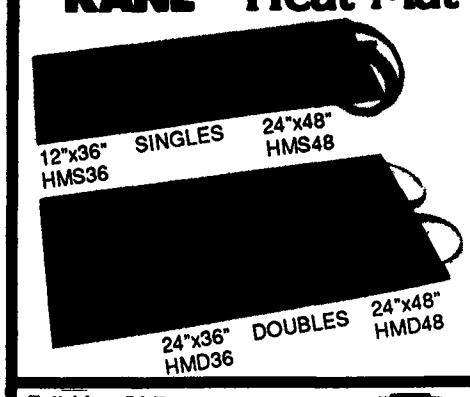
KANE Heat Mat



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24"x36" HMD36 DOUBLES 24"x48" HMD48

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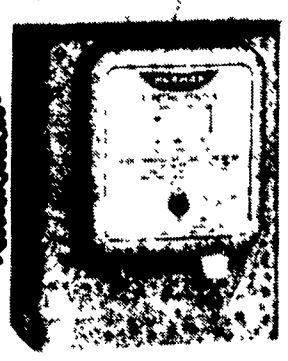

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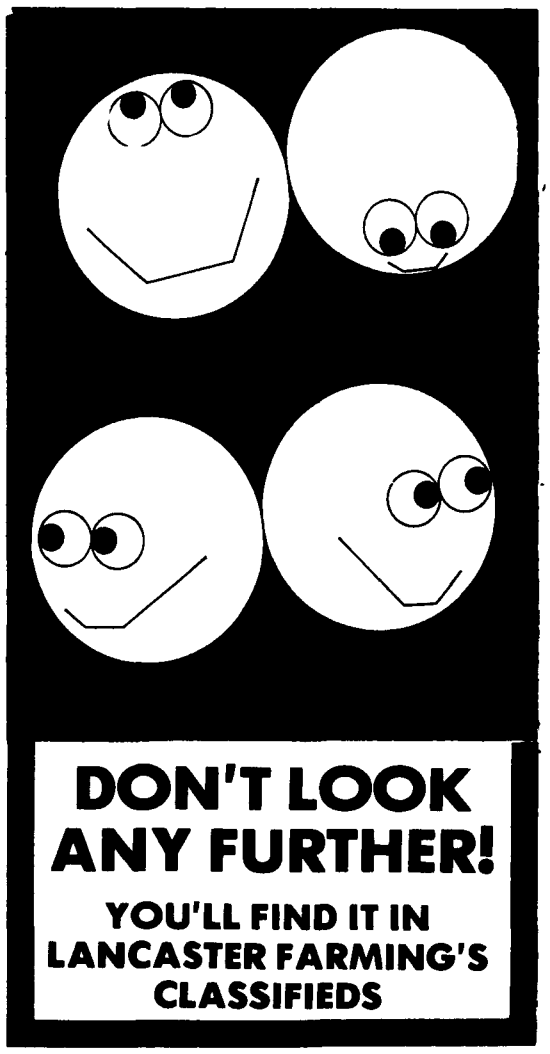

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Large copper apple butter kettle, excel. cond. York Co. 717-266-2405 eves

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Honey good quality, Penna wildflower honey $37 for 5 gallon bucket, plus $6 UPS Fisher Honey, RD 1, Box 61, McVeytown, Pa 17051

Snow plow for Low Boy Cub tractor $100. 7' Myers snow plow, no cylinders $100. Schuylkill Co. 717-366-1227.

400 Gallon Girton milk tank w/compressor also DeLaval milk pump $400 each. Columbia Co 717-356-2709.

Red satin Angora bunnies, also red satin German cross angora bunnies. 7 week old. Leb Co. 717-838-4927 after 5 p m

Purebred 1½ year old Keeshound male, also 42" used chainlink fence, good cond Emanuel B Beiler, 255 S. Groffdale Rd, Leola, Pa. 17540.

Shelled black walnuts, mail order possible Five dollars per pound plus postage Cumberland Co 717-776-4523

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Ford 7000 tractor; DMI chisel plow, 18 4-34 duals; JD and Int grain drills, NH round balers Spring Run Farms Mercer Co. 412-588-8273

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Oliver 70WF John Deere H's, Cletrac 20 Fordson's Farmall F12 & Lo. '48 Style '48 Buick 5-9n's 3-8n's JD B unstyled Ford 601 Ford 3400 & Lo 3 Pt Plow Disc. Bucks Co 215-847-5907

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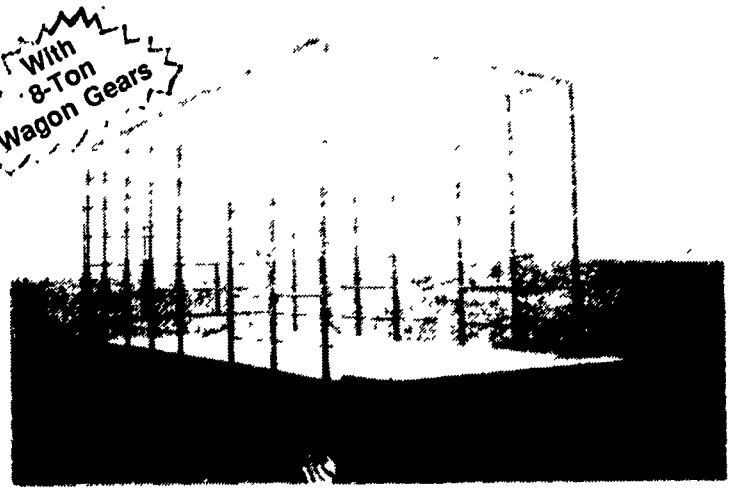

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• Also will fit sides onto your flat wagon

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Delco 32 volt 1000 watt self starting light plant 2½ HP assco hit & miss on cart 6 HP Economy on orig. cart w/saw rig, 5 HP Hercules hit & miss engine. 717-354-9939.

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71 Chevrolet 350 motor, 84 Mercury Topaz for parts 77 Ford 300 motor needs rebuilt. 717-67[illegible]13.

1959 Ford 2 Dr htp. original, complete $1200. 1963 Buick Skylark 2 dr. htd. solid body V8 $800. Hagerstown, Md. 301-733-6188.

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Reg. Tenn. Walker mares one 4 yrs. old & 18 yrs, 1 show cutback 21" saddle, bridle, new 3 yrs. old, quarterhorse, green broke. Sch. Co 717-875-0727.

22-36 McCormick needs wheels, F30 Farmall stick, F30 no motor, Maytag engines and cast iron bases rebuilt F4 mag, EK Mag. Ben J. Kinsinger, RR 1 Box 234A, Meyersdale, Pa 15552.

Minnich tobacco presses $85. D4 cat with angel blade, good shape $2900. Ammon Z. Martin, RD4 Box 482-A Ephrata, Pa 17522.

Mare TB quarterhorse cross, quiet, has been hunted, also sleigh one or two seat. Lanc. Co. 215-267-2242 evenings.

1978 Ford LN700 with 18' Midwest grain body tailgate hinges top and bottom Berks Co. 717-933-4725

2 acre lot, perk approved, located in small valley, close to state game land park. Lanc. Co. 717-738-2091.

Silkie roosters, domestic geese, runner ducks, Indian red jungle fowl young ferrets, doves, AKC Doberman pups, 6 mth. male rhea. Lanc. Co. Lloyd Gerhart, Ephrata, Pa. 717-733-2425.

Reg. Alpine & LaMancha does, DHIR tested, also buck service. Little Orchard, Hill N Holler, Chateau Briant bloodlines. Perry Co. 717-582-4551.

Reg. Jersey cow fresh Nov. 25, Jersey bull calf born 6-8-90. Free house cat, declawed, neutered. Perry Co. 717-789-3586.

1979 Jeep CJ-5 w/Myers 72" snow plow, also 90" Myers plow for pickup, best offer. Cecil Co. Md. 301-658-3525.

Farquahar sawmill, good working order, 50 hp, kirloskar diesel many accessories, stationary log winch, elec. mud saw, $2500 OBO. Union Co. 717-966-2983.

Rubber tired 310 Case forklift, reach 14' high. Garrett Co. 301-334-4848.

Dodge parts power steering box pump 4 spd. transmission, 2 Int. 345 cu in. heads. Franklin Co 717-263-4475 after 6 o'clock.

Set of 8 wghts & front bracket off Farmall 886, $300 takes all, gasbocy hand pumps $65. Martinsburg, W.Va. 304-229-3917.

Free mini-lop rabbits am changing to Angoras excel. stock. York Co. 717-266-4531 leave message if not home.

Pygmy goats reg. champ bloodlines, 5 mth. old doe & 2 yr. proven brood doe show quality, beautiful. Chester Co. 215-970-0292.

1970 Int Loadstar w/16' log flatbed recently overhauled runs good, $1750. Lanc. Co. 717-442-9221 call Steve.

'39 Ford flathead eng. 11K miles orig. can hear, run 4 orig. fenders to fit '30 Model A Ford coupe. Lehigh Co. 215-262-6478.

X-Mas puppies white fluffy balls UKC Min Amer. Eskimo 2M ready 12/7 if ready 12/20. North'd. Co. 717-425-3548.

Briggs Stratton 5 HP model 130202 very good, $135. Lanc. Co. 215-445-6067.

JD restored 620's & 830 A & B w/round spokes front & rear BWH AR. Bill Carmine. 301-875-5255.

Pgymy goats, does & bucks, reg. & unreg., $100-$300, fainting goat wether, $100. Berks Co. 215-777-1594.

Muffler, diesel engine, for generator, sawmill, etc., very quiet, new 3" screw ends $75. Paulsboro, NJ. delivery possible. 609-423-7245.

Moritz livestock trailer, 6x12 bumper hitch center gate, right escape door, slider rear, blue no rust, excel. cond. Bucks Co. 215-982-5312.

NI 9' snowblower for unisystem, excel. cond., NI 744W corn head, very good, B.O by 12/22/90. Hunt. Co. 814-447-3713

5 triple track alum. storm windows 54H 29W $5.00, 14 window sash 27½ H-29w 2 glass, make offer. Lanc Co 717-464-3749

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English Mastiff pups, champion breeding, exceptional quality, show prospects, excel. w/children, super temperament, fantastic companions! 717-966-2093

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Reg. Nubian buck kids or wethers, ready for Christmas. Balto. Co. White Hall, Md. 301-343-0026.

JD manure spreader model-N exc. cond. Franklin Co. 717-762-6235.

60 head year round lambing dorset cross ewes, apples- macs, romes, ida reds, red delicious. Luz Co. 717-388-2341 eves

Farmall C exc. cond., 2 btm. plow, chains $1000. York Co. 717-382-4416 after 6.

JD #70 diesel field ready 4B 14" T. plow, 1968 Int. farm truck 14' body excel. cond. Northampton Co. 215-767-6711 eves., leave message

Antique wall telephones, candlesticks desk phones, also have old parts for telephones. Somerset Co. 814-445-8151.

Donkeys 4 mths. old & over $125 & up great pets, also Simmental cattle, bulls, heifers, cows York Co. 717-225-6279

78 F250 4x4 Western plow tool boxes also Brillion 5' 3 pt seeder landscape type Bucks Co 215-757-3014

Better built barn cleaner drive unit/AC B/F-20 Farmall everything is in great shape. 301-662-9350

Reg. scotch highland bull 18 mo. blonde, $750. Lehigh Co. 215-967-1012.

JD 318 54" plow, 60" mower all hyd., wghts., chains 85 hrs., $6000. Pike Co. 717-588-6350 eves.

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1½ ton elec. chain hoist on I-beam roller for 6" I-beam 110 volts, $500 Snyder Co 717-374-4024 after 5 p m.

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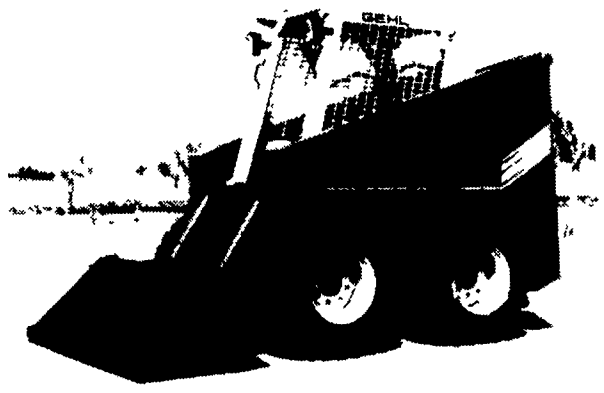

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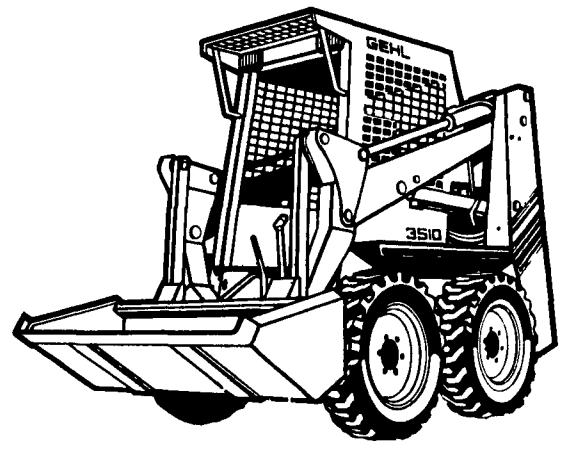

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NI 12A manure spreader $695, JD flail chopper $150, NH 275 baler w/ sweep, $1275, MF heat houser $2500. Lanc Co 717-653-5926

Live Muscovy duck & asst heavy geese, hay by the bale, $1 50 a bale, Sears snowblower & push blade, 55 gal drums for feed 717-244-0624

Springing heifers for sale, also fresh & springing cows for sale Lanc Co 717-548-2490

Lively blue heeler pups, reg Lanc Co 717-656-8961.

Standardbred carriage horse 16 2H sound & ready for trips, 4 yrs. old Levi Beiler, 1279 Noble Rd, Christiana, Pa 17509 at Bartville

12' 6 way blade fits, JD 8640 Lanc. Co 717-871-9177

Snow blade/soil dozer for 6 HP Troy Bilt tiller $75 Berks Co 215-856-7392

Heavy duty truck bed 9' flatbed used only 6 mths. Cumber. Co. 717-776-6203.

Work bench 4x4 & 2x6 construction, 8'x28", heavy solid bench $20 OBO Bucks Co 215-679-6332 after 6 pm

Ford 9N tractor new paint, engine recently rebuilt, 3 pt hyd lift & PTO, good rubber $1975. Leb Co 717-866-4203.

Mason shoes brown & black, #649 cushion innersole & collar- pad 4 eyelet, 5½" Hi size 11-E crepe sole, $50 Naaman Shirk, 263 Bootjack Rd., Narvon, Pa 17555, Lanc. Co

80' Harvestore traveling belt feeder, $400, 20 cubic ft Rissler grain & conc mixer w/scale & motor $500, good cond Lanc Co 717-786-2103

JD 440 dozer blade GM diesel, JD 534 dozer blade for 100 HP tractor, 1977 Int dump truck, 1973 white dump truck 717-292-2425 after 5 p m.

4 Angus bulls ready for service, also NI 3 beater spreader Cumber Co 717-532-7638 call after 6 p m

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9' VEE snowplow, $800, loader mounted on Oliver 70 tractor $600, will separate, W9000 Ford tractor, $2500 York Co 717-292-3030.

Gardening encyclopedia, 14 vol, hard cover, w/color, excel cond, $25, will deliver. Lanc Co 215-267-5696 eves.

Int. 504 w/2001 loader manure bucket 700 hrs, 95% rubber, 3 btm, JD plows $5300. Snyder Co 717-837-3745.

Case 1030 diesel, excel rubber, new hyd pump, needs head gasket, $4300 Cumb. Co. 717-249-3392

89 Moritz 16' BP stock trailer rooftop hay rack super cond., must sell, make offer Cumber. Co 717-486-5490

Service age Jersey bull, will breed holstein heifers, $650. Lycoming Co 717-547-2304 after 7:30 p.m.

2 tires 13 6x28 Goodyear golf course tread new $250 for pair Morris Co 201-838-5028.

Dodge Ram 82 PU 150 6 cyl, 3 spd, PS, PB air FG-cap AM-FM stereo cass., 100,000 mi., good cond., $2500 717-432-5419.

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4 yr. old saddlebred broke to ride & drive, 5 yr old pony, 3 pt. chisel plow Lanc Co 717-354-5039

AKC Boston puppies M-$250, F- $300 stud service also sharping Ben Stoltzfus, 4994 Strasburg Rd, Kinzers, Pa 17535

Antique gas & kerosene engine, 3 HP Int w/ignitor runs good new paint, $400 or best offer Lanc Co 215-445-9459

Pair of truck snow tires P-235xL5 used 1 season, $75, also 1 Ford 15" rim, $10 Lanc Co 717-653-2753.

1400x24 grader tire- new $175, Bantam 725 Gradall $6300, 9U D6 Cat dozer, $3500 R&O hyd crane on Int. S1800, $4000 Cecil Co 301-378-2785

1971 Int 2010 chassis, very good cond., tilt fiberglass cab, 4 spd., 2 spd. rear engine bad 26,000 GVW asking $1000. Lehigh Co. 215-285-2611 eves.

Asphalt plate tamper $975, woodworking sash sticker 3 head belt-drive 5 HP $950. North'd. Co. 717-286-5306.

Hot-air furnace/grates, logging forks, JD 450, '63 Diamond-T, P-5000, Hough ½-yd. payloader, Int H- Farmall, Honda Big-Red 3-wheeler, 2 spd., 18' conveyor transport 301-329-6842.

Stihl 04 AU chain saw, JD disc harrow 20 blades, 1 pr 15.5x38 tires low tread, good casing. Balto Co 301-357-4135.

Cast iron farm machinery seats, 40-50 pieces, restoned cutter sleigh Bucks Co. 215-536-8291

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Good roof slate 11x22 & old 1x12 barn siding Titus Z. Martin, Watsontown, PA

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Hay wagons, choice of 2, JD running gear $425, older running gear $275, 7x14s, exc cond Bucks Co. 215-346-8576 eves.

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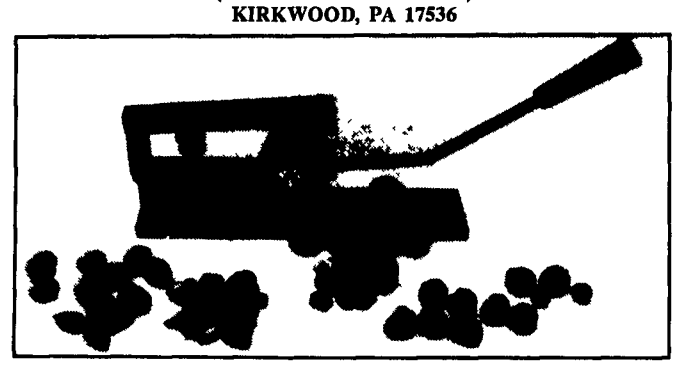

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DB manure spreader ground drive good cond $350. York Co 717-235-2032.

Reg Suffolk ram. Proven sire. 717-626-8926.

Chihuahua stud, light brown, short legs, stub nose, a few yrs old, $50 Israel S Stoltzfus Sr, Kirkwood, PA.

Gehl 65 grinder mixer good cond. $750. Wanted- 188 cu. in Case dsl. engine. Lanc. Co. 215-445-6345.

1959 Karman Ghia coupe, body in good cond Recent paint, orig. engine runs well. Will sacrifice $3500 Leb Co. 717-838-6270.

AC 262 eng. working order $750 OBO 2R rotary hoe 3PH $100. 11' JD portable disc. N C. Co. 302-368-5334

1961 Willys Jeep CJ-5 w/ cab & Fisaher hyd snowplow 30,000 mi. $800 Jack Wootton, 201-892-1792.

NH 305 side discharge spreader, NH 718 harvestre w/grass head 824 corn head, NH 28 blower 717-933-8134.

6 real nice walking horses- 4 geldings & 2 mare[illegible] for trail & riding [illegible]% sound [illegible] sale horses Luz. Co 717 379-3217 after 5PM

Ford 3000 gas pto 3ph 1 owner w/Souder loader & snow bucket $4200 Cumb Co. 717-423-5265.

Holstein due 2nd calf Jan $1000. 88 Cavalier 69,000 mi 4-dr AT AC A-1 new inspection. Leb Co 717-865-6813

Draft horse team, 6-7 yr old Mare & gelding, bays Farm machinery broke Been in parades, wagon trains. Load & shoe easy, quiet Perry Co 717-582-44953 eves

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New oak arrowback chair & new oak & cedar chests Lanc Co 717-738-3539

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Egomatic egg grinder D-R-5 13 cases hr., Kuhl egg washer, excel. cond., Mercury candler, $800 Balto Co 301-484-0142

Cushman 1982 3 wheel Haulster pick-up 46"x54" rear storage box, runs excel $600 or trade for closed cab Cushman Del Co 215-358-5839

Tex Tan Western saddle, bridle, breastcollar, all w/ silver excel cond, ask for Cyndee Ocean Co NJ 609-758-7032

3 MH tractors, 101- senior, 44-6, & 20 All 3 run & in restorable cond Adams Co 717-677-8866 eves

Welding rods, 7014, 3/32" dia, 25 lb case, $10, JD 12' AW disc, excel cond, $1200 Lanc Co 215-445-4463

1936 McCormick-Deering WK40 tractor Caroline Co, Md 301-482-6221

JD B elect start, good rubber, good cond, many new parts, $1100 315-465-5238 after 7 p m or leave message

$10,000 cash to buyer for personal redecoration of beautiful, 9RM, 2 5B, stone/alum 12A, ½ A pond, barn, spring house, $350,000 Chester Co 215-383-5280

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1987 Grand-AM 5 spd, PS, PB, AM/FM cassette, lug rack, new tires & brakes, $5,000 609-935-3469

Front end manure loader w/ pan $400, snow blower w/ engine best offer, both fit Farmall Cub Berks Co 215-562-7332

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Whiteface beef by the quarter of half, $1 60/lb front, $1 90/lb hind, $1.70/lb half aged custom cut, freeze & wrapped 717-284-2702

JD 8100 14-7 drill, excel cond, also 3 prong round bale carrier Lanc Co 717-626-5532

New 5'x8' hyd dump trailer w/title, [illegible]erator w/farm tractor hyd., $1795 717-345-4882

JD 6600 manure spreader w/hyd gate excel cond, $2,000 Glou Co 609-589-2637 eves after 6 p m.

Pheasants, reeves, elliot swinhoe, silver, amherst Harford Co Md 301-836-1213

5- 400 to 500 lb steers, 90 cents a lb, also hay & straw square or round bales Salem Co 609-935-0613

NI 324 corn picker 12 roll husker good cond, $3000 OBO Cumber Co 717-423-6602 eves

460 Farmall gas fast-hitch live PTO power steering $1375, NH 65 baler w/bale chute, like new $895, grain bin wagon $650, JD 24 pull type diskharrow $450 717-354-0266

1976 & 1975 Int Scouts 4 wheel drives $795 & $395, 1969 Ford grain dump $1275 Lanc Co 717-859-2061 or 717-627-0845

242 Volvo, 2000 fleet star 1973 175 IH track loader 1981 Bonneville 1970 Ford dump truck JD 200 stacker Lanc Co 717-354-4059

Barn beams $20 ea, aged or weathered boards $1 per sq ft, locust posts different prices Lanc Co 717-392-5329

220 used Berg barn cleaner C W 16" lites, 1977 T-Bird wrecked, good motor & tires, 8-13" mag wheels for mustang 717-933-4616

88 Chev S-10 4x4 V-6 automatic trans, cap mint cond, ong owner AM-FM stereo cassette tape, $8,300 Monmouth 201-946-3049

76 GMC 6500 rollback eng rebuilt & clutch good rubber $7900, 76 Chev 4x4 drive train, trans & transfer case, lambs & sheep Berks Co 215-367-5888 or 679-5637

Horse trailer excel cond, no-rust good tires & brakes new floor (quarter-horse size) $1150 Sch Co 717-366-2262

Grindstone 1/3 H P motor, 1" wide, 22" circumference $35 00, cultivator, rowmaker, old, but good cond, $20 Berks Co Pa 215-593-5624

1974 KW 400 Cummins Jake AC new paint 42' alum spread axle side kit full tarp, plus steel tarps 1-800-735-6980

4- 12 ply 8 25x20 on 6 hole Budd wheels $20 a piece 1 easy washer spin drier $100, Berks Co 215-756-6779

Condy milk dumping station, DeLaval 2" glass pipeline, 450 gal Sunset milk tank Fred Co Md 301-371-6096 or 301-371-6325

3 & 4 yr old standardbred & traffic safe horses, women can drive, also 5 yr pony drive to school Lanc Co 717-656-9548

NI 305 mounted corn picker field ready, shed kept, ex cond, $1000 Berks Co 215-926-5869

Int 544 loader tractor power steering, 3 pt $4200, also corn funnel for Little Giant hay & corn elevator Berks Co 717-933-4721

Good farm pickup 75 Ford $395, heavy steel pipe gates 11'6", 10'6" $60 ea good water bowls, heat houser w/roof $45 717-397-3944

25 bushel manure spreader, use w/garden tractor or horse Lester Smoker, Old Leacock Rd, Ronks, Pa 17572, Lanc Co

C.B. HOOBER & SON, INC.
Intercourse, PA
(717) 768-8231

HOOBER
TWO LOCATIONS

HOOBER EQUIPMENT, INC.
Middletown, DE
(302) 378-9555

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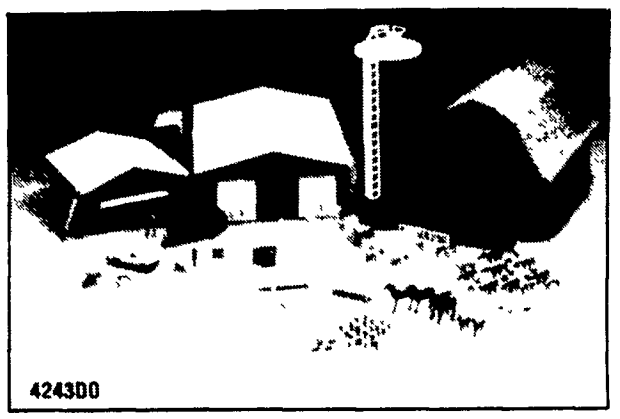
YOUR GIFT HEADQUARTERS FOR CASE IH FARM TOYS -

10% OFF ALL TOYS AND SETS IN STOCK!

Now On Sale Through December!

PRE-SEASON PARTS PROGRAM NOW IN EFFECT TILL END OF YEAR CALL US FOR DETAILS



WE SHIP PARTS DAILY
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MAILBOX MARKET AD FORM

Only ads submitted on this official form will be published in our mailbox markets.
Please NO PHONE CALLS

(Attach Your Mailing Label Here)

Check One:
For Sale____ Notice____ Wanted____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mailbox Market. Subscribers using the Mailbox Market MUST use this form with mailing label attached and will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number or ad will not be published, and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper; no business ads accepted.

Include your Lancaster Farming mailing label and mail to:
Mailbox Market
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Lancaster Farming *Subscription Service*

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Check the proper box and fill in your name and address. Attach your check, $15.00 per year or $28.00 for two years in PA, MD, DE, NJ, NY, OH, VA and WV. (All other areas - $25.00 per year, $48.00 for two years.) Payment must accompany order. Allow three weeks for delivery.

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Please give us 3 weeks advance notice. Cut label from current paper and attach in space provided; write in your new address below. Changes will be made as close to requested date as possible.

• RENEWALS

To insure proper credit on all renewals please attach your mailing label from current paper to space provided and check the proper box below.

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Monday, Tuesday, Wednesday & Friday, 8 a.m. to 5 p.m., Thursday 7 a.m. to 5 p.m.

When writing us about your subscription please attach your Lancaster Farming mailing label here and mail the whole form to:

LANCASTER FARMING,
P.O. Box 609, Ephrata, Pa. 17522
Phone: 717-626-1164 or 717-394-3047

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☐ NEW SUBSCRIPTION ☐ RENEWAL

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NON-REFUNDABLE

MAILBOX MARKET FOR SALE

4 hole cast iron btm. hog feeder w/extended hopper, good cond., $25. Lanc Co 215-484-2718.

30 gal drums JD oil $100 ea , NI #214 spreader Farmall 400D, 7' loader bucket, Cat #10, Winchester Chief crazy horse rifle, Adams Co 717-528-4914

Uni-system 702 gas 729A sheller (2) 726 husking beds 710 combine, 711 grain head, 725 3RN corn head, 760 chopper w/3Rn corn & hay pickup, 2 row wide head, 705 diesel needs works sell all or separate, best offer 717-286-0650

Martin Scavenger manure spreader mounted on trailer can be truck mount $750, GMC V-6 truck motor 8' flatbed Lanc Co 717-548-3294

Straw, hay, haylage, wheels, ventamatic fans, elect typewriter Chester Co 215-932-8999

12x60 mobile home no walls used as school w/ heat, good cond , $800 Perry Co 717-438-3205

1855 Oliver dsl w/rebuilt eng , $4800, 1212 David Brown $1800, G900 MM dsl. needs work $2000, Case 830 DSL for parts, $600, Oliver 73H 2 row wide picker $500 717-286-0650

Maytag wringer washer, nice paint, & in good cond , make offer Samuel R Stoltzfus, 324 Bartville Rd , Kirkwood, Pa 17536

1987 F350 auto cattle body 12' 50,000 miles, $8,500 or BO. Chester Co 215-356-3140.

Snow plow 8' Meyers blade fits JD 20 seri. pickup toolbox fits pre '88 GM Morris Co. N J. 201-876-4680.

1684 Bu. Behlen ear corn crib, Model 1240 JD 4 row planter plate units, truck 1956 Intl PU series S-120 restored, elevator Little Giant M-21 w/motor 42' 184 bu gravity wagon Model 275 Montg Co Md 301-349-2516.

AKC Husky pups black & white blue eyed wormed, shots, female $200. Lanc Co 717-859-2612

VI-206 Lindi wire feed welder 200 amp 1-PH $950 Lanc Co 717-354-0595.

Fence posts, locust 7' & 8' sawed tapered, buy now at discount, also fence boards Noah Shirk Sawmill 717-354-0192

503 NI loader, 80" snow bucket fits MF 65 hi-clear Case 300, 1950's row crop tractors, $250 Lanc Co 717-664-4707

Heavy broilers, double frame kitchen windows 61"H-67"W storm door John K Fisher, 30 Hollander Rd , Gordonville, Pa 17529

Village cart, cob size, flexishaft, natural wood, real nice, $1000 Chester Co 215-383-9668

4 elec hog heating mats 2'x4' w/2 cords $125 for all Lanc Co 717-354-8126

2 vinyl clad thermopane awning windows, like new, 30"x40" & 30"x30" Samuel E King, Robert Fulton Hwy , Quarryville, Pa 17566

JD 301A Ind tractor 43 HP diesel PS, 3 pt , PTO, difflock, reverser, ROPS, canopy, w/w o 6' Brush hog $5850 Berks Co 215-679-3476

3 large holstein heifers due Feb , Mar , $975, (overstocked) Lanc Co 717-687-0990

Gentle holstein family cow, milking, had 3rd calf, $800, also large holstein heifer open $700 delivered. Sch Co. 717-345-4109.

1941 JD H needs work $700 cash Lanc Co. 717-872-7166.

Tandem axle trailer, 7000 GVWR, 6x14 ft. w/ramps & spare tire. Lanc Co. 717-285-5007 eves.

8 yr old saddlebred driving horse, traffic safe, carriage fiberglass, thermopane windows, good cond Chester Co 215-857-2793

4 wheel spreader, truck scale, Int rollabar rake, No 10 McD cutter, KBA disk parts, custom sand blasting Lanc. Co 717-665-5683

Good used 4' elect. light fixtures, asking 2-bulb/$2 50 & 4-bulb/$5 00 ea., bulbs not included. 717-354-4111, weekdays 8 a.m.-4 p.m.

Duo-Therm oil heater large size 10 00. David R Glick Jr , 2731 Greek Hill Rd., Leola, Pa. 17540.

14 angus mixed cows, bred, due in spring Dau Co 717-896-3351.

Tractor chains 10x28, $50 for pair, Cub lawn mower snow blower parts only, motor work needed, $100 914-457-3946

7 yr old standardbred horse solid trotter takes hold of lines Stephen M Petersheim, 439 Red Hill Rd , Narvon, Pa 17555

Shorthorn calves· gentle & fast growing, for breeding or the market Berks Co 215-589-4432.

Approx. 1000 4-qt. pick your own strawberry boxes $2.00, IH-H 8IH-AV for parts, Oliver 770 backhoe for parts. Bucks Co. 215-249-0459.

Auto , trucks radiator repair equip. & inventory, will teach you the business, excel income, full or part-time. Chester Co. 215-495-1021

MAILBOX MARKET WANTED

S870 Stanhay row units w/ rear press wheel drive 717-684-5846.

Chicken catchers w/ experience, 18 yrs. or older. Will provide transportation for Amish or Mennonite Night work. Call 717-872-7621 for application.

Salvage rights to attic flooring, old farm houses & early log houses 717-334-0249 7PM-9PM

Rubber cow mats in usable cond Leb Co 717-867-4165

Team of good Percheron horses Write John Y Esh, 5250 James Rd , Mechanisville, Md. 20659.

Crank for Betterbilt 1 cyl chisel type AA1 #9615AA1 B S. 3 0 Susq Co 717-756-2757.

Old railroad ties. Daniel King, 122 Little Britain Rd., Nottingham, PA 19362.

Chev. - Luv or Isuzu P.U. 4 cyl. dsl. 4x4 5-spd. good cond. Berks Co 215-372-0683.

Early Farmall tractors- F12, F-20, F-14 - on steel or rubber. Also JD general purpose or D. 516-722-4660 eves collect.

Some acreage suitable for home site in Wyoming Co. area 717-675-7306

Sheet metal. Equipment large or small. York Co 717-792-9282.

Tractor, utility wfe g.c. 40-50HP 3PT pto Camden Co. 609-561-4618.

Hand crank sheet metal circle cutting machine around 24 gauge; set of sheet metal stakes. Carroll Co. 301-239-3876.

Stable cleaner chain to fit Clay or similar drive unit. Counter clockwise in good cond. & reasonable price. Franklin Co. 717-369-3742.

NH grinder mixer for parts Adams Co 717-642-6370

Hay feeder approx. 8' long in which hay can be placed in rack above w/tray below 215-968-2649

Horniny machine in workable cond. will buy or trade antique equipment. Fred Co , Md. 301-447-6269.

Non-smoking single male or mature couple exchange farm cottage for 20 hrs. farm work weekly Mechanical background helpful. Chester Co. 215-935-2928

One or pair nice F&H 10-36" round spoke wheels for F-30 Farmall. Fred Co Md 301-834-8043 even

Willys & Cvosley's cars-trucks- station wagons, also parts new & used Ben. New Castle, De 302-322-0922.

MF D-50-C owners operators instruction book, also maintenance manual. Ocean Co. S. Butryn, RD1 Box 115, Jackson, NJ 08527. 201-928-0819.

Feed bin 10-25 ton write cond., size, price location to Jacob S. Stoltzfus, 1985 N. Ryceville Rd., Mechanicsville, Md. 20659.

Fender skirts for a 1966 Ford thunderbird, also owners manual for same. Northampton Co. 215-588-7545 call after 4 p m

NH fine litter pans w/ hardware to fit 519, 679, 520, 680 spreaders Leb. Co. 717-949-2665, 717-949-3074.

Top beater to 519 NH spreader or spreader in useable cond. Cumber. Co 717-776-7692.

Will buy litters AKC quality pups, Cocker Spaniels, Dalmations, Mini Dach's, Boston Terriers, Poms will consider other breeds. Del Co. 215-485-6228.

New or used transponders for Delaval Challenger feedre. 215-756-6214. Daniel Brubacher, RD1 Box 801, Lenhartsville, PA 19534.

Int. 345 engine. Must be in good cond. Franklin Co 717-328-3832.

Male AKC Pekinese pup for Xmas. We wish to be able to meet parents before buying. Bedford Co. 814-784-5601.

Corn head for Oliver 25 combine. Suffolk Co., NY. 516-727-9616 or 516-727-1386.

Used milking equipment. We need weigh jars, bucket milkers, takeoffs, claws, shells, pipelines & parlors E-Z Equipment 717-768-7599.

Wood coal cook stove in good cond 302-737-2555

MAILBOX MARKET NOTICE

Material or equip. to sell? No time to do it effectively? Call Me! No charge till item sells. Dennis. 717-396-0755.

"A classified advertisement was placed in the December 1, 1990, addition of the Lancaster Farming in which free hunting on the posted property of Grover Gordner was indicated. This advertisement was not authorized or placed by Grover Gordner. Trespassing or hunting on the property of Grover Gordner is prohibited and violators will be prosecuted to the full extent the law provides. Information concerning the unauthorized placement of the prior classified ad is requested and should be mailed to J. Howard Langdon, Attorney at Law, 3 South Main Street, Muncy, Pennsylvania 17756.

20 acres of timberland. 3 acres cleared. 717-573-2373.

Free- 5 young cats, very tame. Lanc. Co 717-665-5469.

Person who bought JD MT from Mary Stackhouse call 717-458-5171. We lost your phone number.

Barn for rent for storage or livestock Bethel, Mt Aetna area. Call 717-866-4778 for details.

Will board heifers yr. round 75¢/day/hd. have silage grain & pasture. Cumber. Co 717-486-7602.

Public Sale

Union Co. 16 Acre Farmette

FRIDAY, DEC. 21, 1990

Personal Property 11:00 A.M.

Real Estate 12:30 P.M.

Warren and Mabel Martin will sell their farm at RD2 Mifflinburg, Pa. Located along Rt. 192 - 5 mi. West of Lewisburg or 2 miles North of Vicksburg in Buffalo Twp., Union Co.

Owner is moving to another state and is offering this 16-acre farm. Improvements include a two-story frame 4-bedroom dwelling; built-in cupboards in kitchen; dining room, living and family rooms, lots of closets. Laundry w/cistern underneath, fully cemented basement w/8 ft. ground level entrance. Lots of pluses. Also a 32x52 pole barn w/additions. Other improvements are electric in house, 3 decks, septic system, well, some fruit trees; grape vines & pines line the short lane which turns off level from Rt. 192. Most of the acreage is tillable and highly productive. This property affords one of the most impressive views of field and farmsteads w/ mountains.

For those interested in country living with many options -- this is it. Deed recorded in Lewisburg Court House in deed book Volume 138 Page 854. Terms: 15% down when property is struck down. Balance to be paid Jan. 15, 1991. Real Estate will be offered at 12:30 P.M.

— Also Selling —

A.C. B207 garden tractor; N.I. side rake (on steel); 2- 12 in. & 2 way plow for Farmall C tractor; 2 hole corn sheller; scrap pile. 2 pc. corner cupboard w/2-6 lite doors in top section, 2 blind doors in base; Coleman camping heater; plus other personal property.

Personal property cash.
Provide I.D. for buyer's number.
Lunch
Owner or auctioneer will not be responsible in case of accidents.

FOR INFORMATION VISIT THE FARM OR CALL AUCTIONEER.

Warren H. & Mabel R. Martin
Owners
RD2 Mifflinburg, PA 17844

MICHAEL T. HUDOCK, ATTORNEY
717-966-3006

EARL W. EASH, AUCTIONEER AU02446
717-966-2569

THE EGG BASKET

Absolute Public Auction

Everything To Be Sold To The Highest Bidder

THE EGG BASKET

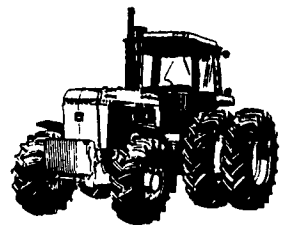
!! OUTSTANDING LINE OF FARM MACHINERY !!

Saturday, December 29, 1990 • 9:00 A.M.

Directions From Lancaster, PA: Take Rt. 283 West To Manheim-Mt. Joy Exit, From Exit Go West On Rt. 772 Approx. 1.3 Miles To Milton Grove Road And Continue On Milton Grove Road To Mt. Pleasant Church Road And Turn Left To Auction Site.

Auctioneer Note: Please Be Prompt Not Many Small Items.

Farm Equipment



John Deere #4450 Tractor w/Cab, 4 Wheel Drive, 3000 Hours; John Deere #4450 Tractor w/Cab & #280 Loader, 4 Wheel Drive, 4500 Hours;

John Deere #2640 Tractor w/#146 Loader, 4700 Hours; John Deere #7000 Conservation Grow Corn Planter; John Deere #65 Scraper; Deutz #710 Tractor w/Cab, 4 Wheel Drive, 3600 Hours; International #886 Tractor w/Cab, 3800 Hours; Case International Grow Cultivators w/Rolling Disk Collars; Case International #181 Rotahoe; Case International #5100 18 - 7' Disk w/Grass Seeder & Press Wheels; International Cub Cadet #482 Tractor w/Mower; New Holland #775 Skid Loader w/ Deutz Air Cooled Engine; New Holland #495 Haybine 12' w/End Transport; New Holland #320 Baler Hydro-Formatic w/Thrower; New Holland #8 Forage Box Wagon w/Gear; New Holland #258 Hydraulic Drive Rake; New Holland #462 Disk Mower; (2) New Holland #800 Manure Spreaders; (5) Killbros #375 Gravity Bin Wagons w/Side Ext.; McCurdy #275 Gravity Bin Wagon w/Side Ext.; Gehl Flatbed Wagon; Gehl #460 Round Baler; 1984 Chevrolet Pickup Truck, 4 Wheel Drive, 58,000 Miles, Automatic, Cattle Racks; Gravely #8122 Lawn Tractor w/48" Mower Deck; McKee 3 Pt. Snow Blower; Vicon 3 Pt. Rake/Tedder; Woods #RM-90-2 7½ ' Mower; Woods Bale Buster; Woods #R107 - 7' Rotary Mower; Century 500 Gallon Sprayer; Glenco 9 Tooth Chisel; Amco 18' Disk Harrow w/Buster Bar; Van Dale #500 Mixer Cart; Conspread Semi-Liquid Spreader; Slurry Buggy 2900 Gallon Liquid Spreader; Brillion Hydraulic Fold 21' Cultipacker; Bush Hog Post Hole Digger; Herd Seeder #750 3 Pt.; Little Giant Corn Drag Elevator; Harvest Handler 15' Elevator; (2) Air Compressors (1) Stationary (1) Portable; Plate Mill (Like New); (4) Grain Aerators; Westfield 8" Augers; (2) 48' Exhaust Fans; Platform Scales; 40' Ext. Ladder; Metal Band Saw; Portable Conveyor w/Stands (New); Meyer 8' Snow Plow; Motomco Moisture Tester & Scales; 2 Wheel Cart; Barrel Tilter; Butcher Kettle; Iron Kettle; Iron Troughs; Drums; V Trough Augers; Gear Boxes; Hand Grass Seeder; 3-Phase Motors; Handyman Jack; Bucket Grease Pump.

Office Equipment

TRS Model III Computer; Best Unlimited Power Supply System For Computer; Filing Cabinets; Upright Cabinets; Office Desk & Chairs; Tripp-Lite Line Stabilizer; Marsh Tape Machines Model 3-FH; G.M.I. Plastic Tubing; Y 4' Stainless Steel Caber.

Terms: Cash or Approved Check - No Exceptions!!

Food By: Sonlight School

Auctioneer's Note: If You Are In Need Or Looking For Well Maintained Clean Machinery, This Is An Auction You Cannot Afford To Miss.

Auction For:
The Egg Basket

Auction Conducted By The:
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Jay M. Witman, AU001127-L
Box 501, Apple & Robert Streets
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(717) 738-7900 - 665-5735

"Our Services Are Often Copied, But Never Duplicated"

Sale Reports

FOX SALE

A Public Sale of real estate and farm equipment was held December 1 by Martin L. Fox and Ella M. Fox, 1096 Pieffer Hill Rd., Brecknock Twp., Lancaster County, Pa. There were 240 registered bidders at the sale.

The 17 acre farm with a 2½ story frame house, frame bank barn, hog finishing house, and 2 broiler houses was sold for $190,000 to Jacob Zimmerman, Leola, Pa.

Farm machinery sold included: N.H. 477 haybine $1200, N.H. 65 baler $500, Int. 2-bottom rollover plow $425, Int. corn planter $210 and grain wagon $230.

The auctioneers were T. Glenn, Timothy G. and Thomas A. Horst.

SCHAPPELL ESTATE SALE

A Public Auction of trucks and tractors was held December 1 for the estate of Curtis Schappell, Focht Lane, Windsor Twp., Berks Co., Pa.

Some prices received were: 1978 Dodge custom power wagon w/ Meyer snow blade $4750, 1981 Ford F100 ½ ton pickup $4250, 1981 Ford Fairmont $725, 1984 Ford Tempo $950, Farmall H tractor w/loader $1000, Int. 240 Utility tractor $1325, Farmall A tractor $1175, 5 ft. rotary cutter $300, Lincoln 225 welder $155, Gibson 11 h.p. riding mower $475, Ithaca 16 gauge pump gun $195, Lefever 12 gauge double barrel shotgun $165, blanket chest $155, washstand $145 and cast iron safe $175.

Kenneth P. Leiby was the auctioneer with 302 registered bidders attending the sale.

ADAM SALE

A Public Sale of real estate was held November 22 by Elda L. Adam, Seiger Land and Route 662 in Perry Twp., Berks Co., Pa.

The 56 acres with a house, 3 bay garage and a barn was sold for $252,000.

Dennis F. Wagner was the auctioneer.

MOUDY SUPPLY CO. SALE

A Public Auction of tools and industrial supplies was held November 28 by the Moudy Industrial and Welding Supply Co., at Dunn's Auction House, Route 472 in Kirkwood, Pa. There were 160 registered bidders at the sale.

Some prices included: drafting table $25, store display racks $7 each, welding rods $15 a pack, stainless pig rods $4 a pack, 20 ft. extension ladder $20, drill press vises $8 to $10 each, grinding wheels $4, 15" adjustable wrench $11, propane heaters $50 to $70, AC spark plug cleaner $12.50, leather gloves $10 per dozen, razor back shovels $8 to $15 each, torch heads $5 to $17.50 each, Cobra CB radio $80, Guardian Ware utensils $3 to $8 each and Queen Anne cedar chest $120.

Larry Whyte and Larry G. Neuhauser were the auctioneers.

BECK SALE

A Public Auction of farm machinery and beef cattle was held December 1 by William Beck, 2 miles south of Columbiana, Ohio.

Some prices included: 1977 White 270 D tractor $7300, Int. 3444 D industrial loader tractor w/15' Michigan backhoe 24" bucket tractor $5800, manure spreader $1650, bale wagon $1250, N.H. baler $2600, N.H. 479 haybine $1600, Pittsburgh 13' transport disc $800, 4-bottom plow $325 and 12 Hereford Simmental crossbred cows from $480 to $760.

Jim Baer and Ken Baer were the auctioneers with Gordon Koehler.

MILK.
IT'S FITNESS
YOU CAN DRINK.

MAMMA

MIDDLE ATLANTIC MILK MARKETING ASSOCIATION

NORTHERN VIRGINIA CONTRACTORS AUCTION

HAYMARKET, VIRGINIA

FRIDAY, DECEMBER 14, 1990 9:30 A.M. SHARP

LOCATION: At The Jct. Of Rtes. 15 & 55 Just Off Rt. 66 In Haymarket, Virginia.
DIRECTIONS: From DC Take 495 To Route 66 West To Haymarket Exit (Rt. 15 S.), Cross Overpass Of Route 66 To Light At The Junction Of Route 15 & Route 55 Turn Left. Sale On Immediate Right.

TRACK LOADERS & DOZERS

1988 CAT 953 track loader w/enclosed cab w/heat & air, GP bucket, 2,600 hrs., 6 month remaining on Plus 3 warranty; 1986 FIAT ALLIS FL10 track loader w/end cab, GP bucket; CAT 955L track loader w/GP bucket, power shift trans., VG cond.; CAT 955K track loader w/OROP's, GP bucket; CAT 941B track loader w/ OROP's, GP bucket, power shift trans , 85% unc , rebuilt eng , exc cond , S/N 8?H6360; JD 555A track loader w/OROP's, GP bucket, set-up for backhoe attach, JD 555 track loader w/OROP's, 4 in 1 bucket, 14" tracks, backhoe attach.; 1981 & 1980 CASE 450B track loaders w/OROP's, 4 in 1 buckets, backhoe attach; CAT D4D dozer w/OROP's brush package, S/N 83J3527.

BACKHOES & RUBBER TIRE LOADERS

1986 CASE 580 Super E 4x4 backhoe w/heated cab, 18' extendahoe, S/N 17034221; CASE 580C backhoe w/OROP's; FORD 555A backhoe w/OROP's, 12", 16" & 24" buckets, 1,700 hrs , JD 410 backhoe w/ OROP's, extendahoe, S/N 386096T; JD 310 track loader w/enclosed cab, S/N 188140T; JD 310 track loader w/OROP's; 1988 KAWASAKI KSS60Z rubber tire loader w/diesel eng , power shift trans., J.R.B. side dump bucket, enc. cab, 1,400 hrs , 17.5x25 rubber, S/N 0161; CAT 922B rubber tire loader w/GP bucket, new paint & good rubber, S/N 94A1625; CASE W18 rubber tire loader w/enclosed cab, GP bucket, good rubber.

HYDRAULIC EXCAVATOR

HEIN WERNER C12 hydraulic excavator w/hyd. tamper plate attach., S/N 1918T285B.

SKID LOADER & FORK LIFTS

NH L35 skid loader w/4 cyl. Wisconsin gas eng., S/N 148649; CAT V100 5,000 lb. forklift w/diesel eng., dual wheel, 12' height, S/N 92W634; HYSTER 12,000 lb. fork lift w/dual wheel; SKYTRAK 6,000 lb. fork lift w/24' reach; PETTIBONE 6,000 lb. 4x4 rubber tire fork lift w/all wheel steer, Detroit diesel eng., S/N 1994; CAT 499A 6,000 lb. fork lift w/gas eng., S/N 2N1929; AC 6,000 lb. solid tire fork lift w/gas eng.; CLARK 3,200 lb. solid tire fork lift w/gas eng.

ROLLERS & PAVERS

GALION 3-5 ton roller w/gas eng.; BUFFALO SPRINGFIELD 3-5 ton roller w/gas eng.; 1984 ROSCO 1 ton roller w/gas eng , S/N 5020, single drum pull type sheepsfoot roller, 1980 LEEBOY paver on tracks w/gas eng , S/N L900St-179; 1983 SEALMORE Model 210 sealing machine.

TRENCHER & AIR COMPRESSORS

1988 VERMEER LM35 walk behind trencher w/boring attach., 290 hrs , S/N 1VRF062A7J100465; VERMEER hydraulic boring machine; RODAIR 60 600 cfm air compressor w/Detroit diesel eng; INGERSOL RANG 600 cfm stationary air compressor w/150 hp elec motor, 3 phase, 230-460 volt, control panel, S/N 01429V77833, SULLAIR 185 cfm air compressor w/GM diesel eng ; JOY 160 cfm w/diesel eng ; INGERSOL RAND 100 cfm air compressor w/diesel eng.; SCHRAMM 125 cfm air compressor w/gas eng.; HANCO hydro pack, trailer mounted, Continental diesel eng.; MILLER welder w/diesel eng., trailer mounted.

CHIPPERS

OLATHE Model 864 w/Cummins eng., 180 hp, 221 hrs , 8" grinding capacity, S/N 864115; CHIPMORE 12" chipper w/gas eng , S/N 957912832.

ROAD TRACTORS

1980 MACK R model T/A w/237 eng , 6 sp trans , air ride cab, P/S; 1977 MACK R model T/A w/300 eng., 6 sp. trans., P/S, 1979 MACK F model T/A w/300 eng., 5 sp trans ; 1973 KENWORTH T/A w/Detroit eng , Road Ranger trans , wet line, Hendrickson suspension, 38,000 rears; 1971 MACK R600 T/A w/237 eng., 5 sp. trans.; 1981 MACK R model S/A w/300 eng., 5 sp trans ; (2) 1981 INTERNATIONAL S2275 S/A w/Detroit diesel engines, 8 sp trans

TRAILERS

1974 DEMPSTER self contained trash packer w/3 cyl. Deutz diesel eng , hyd tail gate, 35 cu yd , 17 ton capacity, tri axle, 10 00x20 radials, 1987 BORCO 28' demo trailer, 1980 GENERAL 35 ton detachable, 1979 EAGER BEAVER 35 ton detachable; 1953 TALBERT 25 ton fixed gooseneck equipment trailer; 1990 CUSTOM DELUXE 9 ton T/A dual wheel tag-along, (2) 1987 EAGER BEAVER 12 ton T/A dual wheel tag-along trailers w/elec brakes, GENERAL tri-axle tag-along; 1974 MILLER 40' flat trailer, 1974 FRUEHAUF flat trailer, T/A skid loader trailer, several tri-axle, T/A & S/A 3, 5 & 9 ton trailers

DUMP TRUCKS

1984 FORD 8000 T/A w/3208 Turbo-Charged Cat eng., Allison auto trans , 15' Godwin body, 1984 MACK R model T/A w/300 eng , 10 sp air shift trans , 19½ ' alum body, 1981 MACK R model T/A w/237 eng , 6 sp trans ; (2) 1986 FORD 8000 S/A w/3208 Cat engines, 5 sp , 2 sp trans , Eaton rears, new radials, heavy duty R & S 10' bodies, 1980 FORD L9000 S/A w/3208 Cat eng , 8 sp trans , 10' body

SPECIALTY TRUCKS

1981 GMC T/A "Top Kick" sheet rock truck w/Prentiss boom, 3208 Cat eng , 13 sp trans , 1970 INTERNATIONAL w/BUCYRUS ERIE H-3 crane w/hyd. tag line, new eng front & rear in 1989, air brakes, 5 sp , 2 sp trans , 1977 FORD 9000 S/A 27' rollback w/air lift axle, 3208 Cat eng , 5 sp , 2 sp trans, air brakes, 1984 GMC 1 ton van body truck w/6 2 diesel eng , 4 sp trans , 1973 FORD F350 w/Holmes 480 wrecker body, gas eng , 4 sp trans , 1974 DODGE w/Littleford asphalt distributor, 1970 FORD F350 utility truck, 1966 GMC w/1,000 gal water tank, gas eng , 5 sp. trans

FLATBEDS

1984 FORD F800 w/diesel eng., 5 sp., 2 sp trans , 16' flatbed, 1982 FORD F700 16' flatbed dump w/gas eng , 5 sp , 2 sp trans , 1979 FORD F700 16' flatbed w/gas eng., 5 sp , 2 sp trans

PICKUPS

(14) PICKUPS FROM ONE COMPANY

(4) 1988 CHEVROLET 2500 3/4 ton Super Cabs w/8' bed, auto trans., A/C, miles from 6,000 to 20,000, (6) 1988 FORD F150 1/2 ton w/8' beds, auto trans., miles from 3,500 to 18,500, (4) 1989 DODGE D100 1/2 ton w/8' beds, auto trans., miles from 3,400 to 12,900 All these pickups are from one company and have with very low mileage, excellent maintenance program and are in excellent condition Several other pickups and vehicles too numerous to mention

RADIOS

MOTOROLA Base Station with (3) mobile units, (2) of which are high intensity.

MISCELLANEOUS

New KARCHER K455 high pressure washer, 900PSI, 1 8 GPM, 33' high pressure hose, trigger gun, 20" spray wand, change over nozzle 15°-40°, 110 volt, single phase, 1.7 hp-14 amp motor, full factory warranty, New KARCHER HDS550C high pressure washer, hot/cold water, 1000PSI, 2.4 GPM, 33' high pressure hose, trigger gun, 41" spray wand, high & low pressure nozzle, 25%, 40°, 110 volt, single phase, full factory warranty; New KARCHER HDS950 high pressure washer, hot/cold water & steam, 2000PSI, 3 5 GPM, 33' high pressure hose, trigger gun, 41" spray wand, 24° high pressure nozzle, 220 volt, single phase, full factory warranty, trash pumps, water pumps; band saws, mall points; misc. tampers, jack hammers; plate steel, hyd fittings & hoses, many other contractors tools and supplies too numerous to mention

TERMS OF SALE: COMPLETE PAYMENT SALE DAY. Payment for all items must be in full on sale day with Cash, Cashier's Checks. Personal or Company Checks accepted when accompanied by a Valid Bank Letter of Guaranteed Payment. Items sold "As-Is, Where-Is" with no warranties expressed or implied. Immediate removal. Not responsible for accidents.
FINANCING: Financing can be arranged through the following company. Call before 72 hours of sale to make arrangements for financing on items $10,000 or more. Call Kathy Welborn, CREDIT ALLIANCE CORP. (301) 859-2300.
INSPECTION: Thursday, December 13, 1990 from 10:00 AM to 4:00 PM.
SALE SITE PHONE: (703) 754-0768.

STILL ACCEPTING LATE MODEL EQUIPMENT & TRUCKS
CALL FOR COLOR BROCHURE OR UPDATED LISTING

Wolfe
301/663-8644
Industrial Auctions, Inc.
15 North Court Street Frederick, Maryland 21701

VA A.F. #128 VA Dir #8929
"PLEASE CLIP THIS AD"

THANK YOU FOR ATTENDING THIS AUCTION!

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

December

SAT DEC 8, Colonial Home on 2 Acre Lot, HH Goods, Personal Property, located approx 3 mi SE of Elverson, along dge Rd and Rt 345, just off Rt 401 in E Nantmeal Twp , Chester Co., PA, John and Judy Hudzik, owners, LeRoy S Horst and Paul W Horst, Aucts

SAT DEC. 8 - 9AM Automotive Machine Shop Equipment & Dirt Modified Race Car Located 1021 Cumberland Street, Rt 422, Leb , Lebanon Co , Pa Auction by, Tommy's Automotive Machine Shop Harry H Bachman, Auct

SAT. DEC. 8 - 9AM, RE, Antiques, HH goods, Guns, Fishing Equip., located at 452 Ridge Ave., Ephrata Twp , Lanc. Co , PA, Mrs Raymond Brubaker, owner, T. Glenn Horst and Sons, Aucts.

SAT. DEC. 8 - 9AM, Guns & Gunloading Equip , Shop Tools, JD Riding Mower, JD Snow Thrower, Furniture, 82 Buick SW. Spring City, PA- Rt. 724, 8 mi. W of Valley Forge, PA Bonnie Brae. Richard J Moyer, Auct

SAT. DEC 8 - 9AM, Building Materials & Equip Buffalo Valley Produce Auction, RD3 Mifflinburg, PA From Harris. take Rts. 11 & 15 N to 15 N to Lewisburg. Take Rt. 45 W approx. 5 mi. to Dreisbauch Church Rd. Turn left to 1st intersection turn right at intersection travel approx. 1/8 mi turn left to auction Aucts.- Neil Courtney, Ken Hassinger

SAT DEC. 8 - 9AM, Estate of Eve Geiss Walker from North Wilmington. Located at Rudnick's Sales, Routes 213, Galena, Md Harry Rudnick & Sons, Inc , Auctioneers.

SAT. DEC. 8 - 10AM, 544 Acres To Be Offered In Parcels, located Third Hill Dairy, Mt. Jackson, VA, Third Hill Dairy, Inc., owners, R.F. Pangle and Mark Pangle, Aucts.

SAT. DEC. 8 - 10AM, Welding & Metal Equip. & Supplies, '79 Jeep, '71 350 Ford Pickup, located RD 1, Bainbridge, PA, N. on Wickersham Rd , between Marietta and Bainbridge, Rt. 441, Floyd & Portner Mechanical, Inc., Harold (Abe) Shaffner, Auct

SAT. DEC. 8 - 10AM, Woodworking Equipment, located Hopewell, NJ form Hopewell (Mercer Co.) proceed on Rt 518 E from 2 mi., then turn N. on Spring Hill Rd , go 2½ mi to sale, Mr. Paul W. Stevens, owner, Arthur Hanna, Auct.

SAT. DEC. 8 - 10AM, Complete Liquidation of Major Woodworking Plant, located Huntington Valley, PA, (Northeast Phila.), Bompadre & Sons, owners, Cash Industrial Services, Aucts.

SAT. DEC. 8 - 10AM Sharp! Estate Auction-Oil Painting, Bronze Bust, Antique Books, etc., located 949 S. New St., West Chester, PA, Est. of Gwendolen L. Slagen, owners, Whiteside Auction Service, Aucts.

SAT. DEC. 8 - 10:30AM, 3 Acre Farmette, Greenhouse Supplies, Farm Equip , Tools, located along S. Fairmount Rd , E end of Farmersville, W. Earl Twp., Lanc. Co., PA, Raymond S and Alta K Nolt, owners, Nevin Z. Martin and Adrew M. Martin, Aucts.

SAT. DEC. 8 - 11AM, Colonial House on 2 Acre Lot, HH Goods & Personal Property, located approx. 3 mi. SE of Elverson along Hedge Rd. and Rt. 345 just off Rt. 401 in E. Nantmeal Twp., Chester Co., PA, John and Judith Hudzik, owners, LeRoy Horst, Auct.

SAT. DEC. 8 - 11AM, RE-2 Parcels of Land, Stone House w/5 Acres of Woodland, 38 Acres of Moutain Land w/50' Access Rd., located 345 Buck Rd., Dover, PA, between Lewisberry Rd. and Bull Rd., York Co., PA, Blaine and Nevin Rentzel, Aucts.

PUBLIC AUCTION

5 RESIDENTIAL WOODED LOTS

SAT., DECEMBER 22, 1990

AUCTION TIME 11:00 A.M.

LOCATION: From Ephrata, Route 272 North to Route 897. 897 North approx. 2.5 miles to Reinholds, turn right on Ridge Rd., approx. 1 mile to lots on left. West Cocalico Township, Lanc. County, PA.

LOT #1 - Contains 2.48 acres with 210 ft. frontage on Ridge Rd.
LOT #2 - Contains 2.18 acres with 200 ft. frontage on Ridge Rd.
LOT #3 - Contains 2.11 acres with 190 ft. frontage on Ridge Rd.
LOT #4 - Contains 2.97 acres with 334 ft. frontage on Ridge Rd.
LOT #5 - Contains 7.93 acres with 61 ft. frontage on Resh Rd.

TERMS: 10% down day of auction, balance in full at settlement in 45 days. All herein information is believed to be accurate but is being used for advertising purposes only.

NOTE: Build your dream home on one of these wooded lots. All lots probed & perked. These lots are located near exit 21 of Penna. Turnpike, IN A FAST GROWING AREA, but giving you plenty of privacy. For more information or plot plan call Paul E. Martin, Auct. at 717-733-3511.

Auction By:
Terry Kauffman

Michael P. Kane, Attorney

Auction Conducted By:
J&P Auctions
Paul E. Martin, Auct. AU-001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Manheim, PA 717-665-5099

PUBLIC AUCTION

FARM EQUIPMENT, TOOLS, HOUSEHOLD GOODS, BUILDING SUPPLIES

MON., DECEMBER 17, 1990

AUCTION TIME 9:30 A.M.

DIRECTIONS: From Ephrata, Route 272 North 1 mile, turn left onto Schoeneck Road, 1 mile then left onto Springville Road, 1/2 mile to farm on left. Lancaster County, PA.

SEVEN TRACTORS

ALLIS CHALMERS 185 DIESEL W.F.E., Good Rubber, Excellent Condition; JOHN DEERE 3010 Gas; JOHN DEERE 50; JOHN DEERE 40; MASSEY FERGUSON 150 DIESEL w/Multi Power, Good Rubber; MASSEY FERGUSON 35 w/ Sauder Loader; ALLIS CHALMERS C-A w/ Cultivator & Corn Planter, as is; NEW HOLLAND #273 Baler w/Hyd. Angle Bale Thrower; N.H. #469 Haybine; N.H. #675 Web Spreader; J.D. #640 Hay Rake; M.F. 3x16 Trip Plow; M.F. #238 Pitmanless 3 Pt. Mower; 12 Ft. Land Leveler on Transport; 10 Ft. Packer; Spring Tooth Harrow; 25 K.W. Generator on Transport; Sauder Loader; Allis Chalmers 2 Beater Forage Wagon; 16' Hay Wagon w/Thrower Racks; Oliver Superior 16 Drill Grain Drill; 3 Pt. Round Bale Mover; Round Bale Feeder; Spike Harrow.

1968 F-600 FORD DUMP TRUCK

w/14' Aluminum Grain Bed; 3 TON STRAW; GRAVELY 814 Lawn Tractor w/Mower; Air Compressor; Feed Cart; Handyman Jack; Platform Scales; Ext. Ladder; Snow Fence; Sawbuck; Log Chain; Two 275 Gal. Tanks; 300 Gal. Fuel Tank & Pump; Oil Barrel & Pump; Hog Feeders; Gates; Rabbit Pens; Bolt Bins; Shovels; Forks; Lot of New Bolts, Nuts, Screws, Cabinet Knobs, Pulls & Hinges; New Paint, Spray Paint; New Door Latches; 4 New 9'x7' Calder Overhead Steel Doors w/Hardware; Two 9'x7' Steel Stanley Doors w/Hardware; Power Window Openers; Attic Ventilator; Picnic Table Kits; New Marvin Window Sash; Skylights; New Paneling.

2 PC. LIVING ROOM SUITE

2 Coffee Tables; 4 End Tables; 3 Pc. Matching Wooden Arm Sofa, Chair, Rocker; Wooden Cupboard; Wardrobe; 2 Sets Box Spring & Mattress; Universal Sweeper w/Attachments; 10" B&W TV; Air Conditioner; 2 Chests of Drawers; 2 Night Stands; Small Misc. Stand.

TERMS: Cash or Good Check Day of Auction. All out-of-state buyers paying by check must have a bank letter of credit addressed to this specific auction.

AUCTION ORDER: Small items on wagons first, followed by household goods, small farm related items, farm equipment last.

Auction By:
Daniel W. & Kathleen K. Fox

Auction Conducted By:
J&P Auctions
Paul E. Martin, Auct. AU-001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Manheim, PA 717-665-5099

Food At Auction

AUCTION SALE

MEDICAL MONITORING EQUIPMENT COMPUTERS, PRINTERS, DIAGNOSTIC SYSTEMS, NEW OFFICE FURNITURE, BEDDING, BICYCLES

THURSDAY, DECEMBER 13 - 10 A.M.

1825 E. BOSTON AVE., PHILA. PA

This Auction Comprises of New Office Furniture & Equipment, Bedding & Bicycles Combined With a Trustee's Sale in Bankruptcy Cs. No.90-10509 James J. Cain Trustee for Creative Medical Systems Inc. Which Was A Provider of Holter Monitoring and Support Medical Equipment.

ECG MODULES, COMPUTERS, PRINTERS, TRACERS

150 Ambulatory ECG Modules, 34 Data Transfer Modules, ECG Simulators, Circadian Chart Recorder & Central Control Module, Microtracers, Holter Recorders, Spirometers, Portable EKG, Cardiointegraphs 85 Okidata 167,320 and 294 Microline Printers, Okidata Laserline Printers, HP Laser Printers, Power Modules, IBM PS/2 Model 80 Computer, Kehtron Computer w/ Box Memory, Dell System 200 Computer, 2 Wyse CMS Cads III Computer, 2 Dynanac/Mitsuba Computers, 6 Furura Computer Assisted Diagnostic Systems, 15 Complete CC Cads II Diagnostic Systems, Assortment of Drives, Monitors, ECG Processing Software, Keyboards, Stands.

BEDDING, BICYCLES

45 NAME BRAND Sets of Bedding in Full, Twin, Double, Queen & King Sizes, 34 Men's, Women's and Children's Huffy & Murray Bicycles

DESKS, CHAIRS, CABINETS, PHONES, TYPEWRITERS

Quantity of New Office Furniture and Equipment - Executive Desks, Credenzas, Chairs- Upholstered & Swivel, Lobby Chairs, Secretarial Chairs, Typing & Computer Tables, Converence Tables, Printer Stands, Office Tables, Bookcases, Lamps, Counters, Folding Tables, Calculators, Portable Typewriters, Postage Scales, Tel Rad Key BX Telephone System w/7 Phones, 2 & 4 Drawer File Cabinets, Storage Cabinets, Portable Swintec & Canon Copiers & Fax Machines.

INSPECTION: WEDNESDAY, DECEMBER 12 - 10 A.M.
TERMS: CASH OR CERTIFIED FUNDS - 25% DEPOSIT REQUIRED.
PA. AUCTIONEERS LICENSE NO. AU000175L

ESTABLISHED IN 1834

COMLY Auctioneers

WM F COMLY & SON, INC.

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500

PUBLIC AUCTION

WED., DEC. 12, 1990
@ 4:30 P.M.

Auction to be held in Al Starr Community Bldg., Village of Willow Street, PA. (Rte. 272N). To the rear of the Willow St. Fire Co.

FURNITURE: Oak: Pedestal tables w/claw feet, fine set (6) press back chrs., gateleg tbl., clothes tree, misc arrow, press & plank chrs., Mahog. stack bookcases, veneer slant-front secretary, Walnut fine carv. uph love seat (uph as is), Rose carv chr , Softwood· (2) dove-tail blank. chests, misc stands, Hvy pine coffee tbl , Cottage. 5 pc bdrm. set (as is), spindle cheese cut rkr., early school desk, mod. becnh tbl., maple dbl. bed, Uph.. Nice clean 3 pc. liv set, sofa & chrs , Royal Persian rug, misc frames w/porc knobs, ball & claw piano stool, misc chest drawers

CLOCKS: Fine J C. Brown (mahog. veneer) time & strike shelf clock (Bristol, Ct.) "View of Boston", Fine Ingraham schoolhouse clock, Ingraham mantle clock.

PRINTS: Fine Currier & Ives: Lg. Evening & Morning Scenes; Sm · The Old Ford Bridge, Roadside Mill, Home in the Widnss , Moonlight skat. scene, View From Putnam. Fine stitched Lord's Prayer, Clipper Ship pict , sev. other good still lifes, D Brumbaugh (Lanc.), etc.

MILK BOTTLES: Graybills (Lititz), Miley Bro. (Ephrata), A Stoltzfus (Bareville), (2) Sylvan View, (3) Rohrers Med-o-Farms, Frank Rohrer (Strasburg), A. Singer (Lancaster), Hallgren's & Martin's (Mt. Joy), Hinkle's (Manetta), H.D. Harnish & Wm. A Erb (Willow Street), Mumper (E-town), C O. Hoar, Rohrer's, Lanc. Sanitary, Ideal, Cream Top & sev. other Lanc. milk bottles.

SODA BOTTLES: Pure beverage, Empire Bottling, Star Bottling, Chas. Zech, G. Kiehl.

COLLECTIBLES: Decor. milk cans, #3 jug crock, pr. kero bracket lamp w/reflect., Fine brass safety lamp, Gray agate basin, German orn. helmet, belt buckles, misc. berets, patches, early wood ice skates, misc. rug beaters, Tin: baby scales, 3-hole candle mold, decor, tray, Iron: bull dog, sm. figs. Wood: stomper. Rohrer's cork screw, misc. baskets, lot airplane & boat models, misc. Hess & Buddy L truck banks. Lot plated silver, Set (6) Wallingford flatware. Sterling: lid, s & p's, clippers.

GLASS: Fine Silesia platter. German: Celery dish, bowl, Pcs. in cut & press: spooner, cruets, pitcher, salts, toothpicks, etc. Hd. ptd. Nontake sauce dish, pcs. in Majolica, pcs. in transfer, green Fiesta water pitcher, sm. chick on nest.

TOOLS: B&D: jig saw, sander, 6" bench grinder; Crafts: sold. outfit, sold. gun. Coleman lantern, ½ H.P. motor, wrenches, wood clamps, snips, mitre & hand saws, brace & bits, files, hammers, leather punch, rasps, mason drill bits, level, squares, monkey wrenches, misc. hardware, shovels, crowbars, calipers, reamer, 7 pc. tap & die set, ext. cords.

Few housegoods Lot of misc linens. Food served No out of state checks.

Sale by
MRS. ARTHUR (BETTY) URICH
Laverne Foutz Estate
Roy C. Probst, AU000730L
& Eric R. Probst,
Auctioneers, 464-3910
464-3700

PUBLIC AUCTION

FRIDAY, DECEMBER 14, 1990
9:00 A.M.

Located 20 Miles Southeast of Lancaster, 7 Miles South of Quarryville, 6 Miles North of Oxford. 1 Mile Southeast of Route 472 from Kirkwood, at 422 Cooper Drive, Lanc. Co., Pa.

NEW HARDWARE! TOOLS OF ALL DESCRIPTIONS; SHOP EQUIPMENT AND SUPPLIES; CHRISTMAS ITEMS.

Welders; Air Compressors & Equip; 1 Hobart Model R-300 Elec. Welder; 1 Miller 400 amp Elec. Welder; 1 Miller Model CP-3VS 300 amp. Elec. Welder w/Mig Attach; 1 Miller Model Sr300-32 300 amp Power Source; 1 Westinghouse 300 amp. Elec. Welder w/Mig Attach; 1 Lincoln 225 amp Engine Driver Welder, 1 Heavy Duty 16" Jointer; 1 large power hack saw; Oster pipe threading power drives; Whiteman 45" Power Concrete Trowler w/10 hp Honda Engine; 1 7" Heavy Duty Vertical/Horizontal Metal Cutting Band Saw (New); 1 new 10" Contractor table Saw; 1 New 14" Wood Band Saw; 1 New Belt Sander; New Drill presses; 1 Used Model A South Bend Lathe-good condition; 1 Large Lathe; 1 10 hp Ingersal Rand Air Comp. w/120 Gal. Tank; 1 2 hp Model 214 Quincy Air Compressor; 2 Model 216 3 hp Quincy Air Compressors; 1 Model 325 5 hp Quincy Air Compressors; 1 Model 340 7½ hp Quincy Air Compressor; 1 Model 255 7½ hp Quincy Air Compressor; 1 Model 390 20 hp Quincy Air Compressor; 1 New 5 hp Model 325 Quincy Air Compressor; 1 New 3 hp Model 310 Quincy Air Compressor.

AIR & ELECTRIC TOOLS - NEW HYDRAULIC PALLET JACK - SHELVING - 1 LARGE GEARED DRILL PRESS

AE Electric Hammer Drill Model BH 25; Bosch 11213 Bulldog Cordless Hammer Drill; 1 New 10" Jepson Mitre Saw; 1 New 10" Mitre Saw w/4 AM Gast Air Motor, 1 Paslode Model 8C-400-P Pole Barn Air Nailer; and Many Many More Items . .

STOLTZFUS HARDWARE
ELAM STOLTZFUS, OWNER

DIFFENBACH AUCT'S- 225-L

Public Auction
Of Real Estate
December 10, 1990
@ 4 PM

Located at 406 Susan Circle, Ephrata Borough, Lancaster County, PA 17522 in beautiful Lincoln Gardens Development.

Selling a lovely split-level, brick & vinyl home located on a corner lot in one of Ephrata's most desired areas. Home features 3 bedrooms, Krown custom cherry kitchen, family room with fireplace, 12'x12' dining room, oversized 2-car garage with openers. Home has economical heat pump with central air. **Don't miss this opportunity to own this lovely home at your price.**

Terms are 10% down day of sale and settlement within 45 days.

Open House dates are: Wed., Nov. 28th 4-6 PM; Sat., Dec. 1st 2-4 PM. Other Times call Auctioneers.

Sale For:

MICHAEL L. &
SUSAN A. HASSLER

Bechtold
AU 2176-L

CLAUDE F BECHTOLD CAI
1928 CREEK HILL ROAD
LANCASTER, PA 17601
717-397-9240

INGLIS HOLSTEIN COMPLETE DISPERSAL

SAT., DECEMBER 15, 1990
11:00 A.M.
CLIFTON SPRINGS, NY

Auction to be held at the farm, 2585 Route 488, 3 miles south of Clifton Springs, NY, 1/2 mile west of Orleans, NY, halfway between Thruway Exit 42 and 43.

Having decided to discontinue dairying will sell:

103 REGISTERED HOLSTEINS

Selling will be 50 cows, 21 bred heifers, and 32 open heifers and calves. The RHA is 18,655 3.7% 690F 3.3% 623P. March classification netted 1EX, 5VG, 15GP, 7G for a 103.9% BAA. This is a good uddered young herd of mostly two and three year olds. The average age of the milking herd is 36 months. The cows are trained for tie stalls and freestalls and milked in a parlor. The heifers are tall, deep ribbed, straight heifers. Daughters sell of Mark, Chairman, Bell, Ned Boy, Michael, Blackstar, Inspiration, Bear and others. Service Sires include Leadman, Blackstar, Southwind, Glow, Friday, Bear and Travis. Features include a GP-83 two year old Mark on the Locator List + 1535M +59F +50P +1017 CTPI on July index. She is due in March to Friday. She sells with daughters by Blackstar and Command and 6 pregnancies by Leadman. Maternal sisters by Cleitus and Beautician also sell. The Cleitus has a full brother in waiting at 21st Century Genetics. Also selling is a 3R-91 Elevation w/1105F. Her dam is GP-83-GMD w/1105F, next dam 3E-91 w/1101F. 18 members of this top family sell. Fancy show age calves sell. Many commercial quality cattle also sell for dairymen wanting to make milk. The herd is calfhood vaccinated, will be inoculated for shipping fever, and examined for pregnancy. Cattle sold interstate to be tested immediately after the auction. Also selling semen of Valiant, Bootmaker, Warden, Sexation, Glendell, and other young sires.

TERMS: Cash or good check day of auction. Nothing removed until settled for.

Co-Managed by NYHFA - 607-273-7591

INGLIS HOLSTEINS, OWNERS
315-462-3435

HARRIS WILCOX, Inc
Sale Managers Auctioneers and Realtors
BERGEN, N Y 14416
Phone (716) 494-1880

TRACTORS—COMBINES—TRUCKS
IMPLEMENTS

AUCTION SALE

Having decided to discontinue their farming operations, John Johnson, Bob Bassett and Tom Truitt will sell the following equipment at Public Auction on:

Saturday, December 29, 1990
Beginning at 10:30 AM
Rum Point Lane - Berlin, MD
(Near Assateague Island)

All equipment has been moved for convenience to Mrs John Johnson's farm

Directions: From Salisbury, MD take Rt 50 east to U S Rt 113 in Berlin, MD. Go south (right) on Rt 113 approx 8 of mile Turn left on Rt. 376 (Berlin-Lewis Store Road) Go to end Turn right on Stephen Decatur Road. Bear right on sharp curve Go toward Ocean City Country Club on South Point Road Go 1/4 mile Turn left on Rum Point Lane

BUY NOW AND PAY AFTER HOLD
CHECKS ARE MAILED

INSPECTION:
Thursday (12/27) and Friday (12/28)

TRACTORS:
John Deere 4640 w/hydraulic front wheel drive, cab w/air, quad range, 4837 hrs, 20.8x38 factory duals, 1980, nice clean, 156 HP
International 986 Cab w/air, 3963 hours, 20 8x38 tires - 1 year old, TA works, 1977, dual remotes, 105 HP
International 786 w/QT-1 cab w/air that works, Black Stripe, 16 9x38 like new tires, ONLY 2121 HRS, 1981, very good, 76 HP
John Deere 2440 w/146 loader, only 1500 hrs, to be sold as one unit, excellent
Massey Ferguson 1105 w/cab and air, 2446 actual hours, dual power, dual remotes, real clean, 100 HP, 1975
International 1466 cab and air, 20 8x38, 3000 hrs, TA slips, 133 HP
Massey Ferguson 1080, 3478 hours, 16 9x28 dual remotes, dual power, 81 HP, 1971
Farmall Cub with cultivators

COMBINES:
1981 Massey Ferguson 850 Combine only 2334 hours with 18' flex head, U-2 reel and 63-C6 row narrow corn head, real clean
Massey Ferguson 750 Combine w/3069 hours, 15' floating head, 4 row corn head, good machine

TRUCKS, TRAILERS AND ATV'S:
1974 Ford F-600 w/16' metal body and grain rails, 42,000 actual miles, 5x2 trans, 24,000 GVW, 361, 9.00-20x20 - 12 ply rear - MD INSPECTED
1973 International 1600, 5x2 transmission w/345, 16' wooden body
1968 Ford F-750 w/18' dump body, 16 ton hoist (Meadows) 391 w/5x2 trans, burnt valve
1954 Chevrolet Pick-up, runs
Kruegar 2 axle trailer, 24'
Reed trailer 12' tandem axle (NO TITLE)
1986 Honda 350x3 wheeler, very good, heavy Duty Model with suspension
14' Wolverine w/35 HP Evinrude, not used in 6 years

PLANTERS AND TILLABLE EQUIPMENT:
John Deere 7000 conservation planter, 4 row wide with dry fertilizer, insecticide and monitor
John Deere 7000, 6 row narrow, liquid fert, insecticide, rig no-till coulters, monitor w/row population
John Deere 7000, 6 row narrow, no fert, monitor w/acreage meter, rig no-till coulters, and insecticide
MF Grain drill, 22 sprout, double disc, clean
MF 820 hydro fold disc 19', 64 blade, excellent
MF 520 disc, 44 blade
JD 230 hydro fold (wing style) disc, 20', good condition
Kewanee 40 blade disc, 7½ " space
Ferguson chisel plows, 14' and 2-12'
2 Massey 88 plows 5x16
Intl 550 plows 5x16
John Blue 500 gal sprayer w/stainless steel tank, hydro adj, dual piston I-3000
Pump - 30" booms
Agro-tec 500 gal sprayer hydrualic agitation
Hardee offset mower, manual slide
Bush Hog mechanical offset rotary cutter
2 Westco 4 row S-tine cultivator
Brillion 6 row S-tine cultivator
Westco 6 row S-tine cultivator
Brillion 14' crowsfoot packer, new
Brillion 14' solid wheel packer
Long 3 pt. backhoe with 2 buckets
1600 gal poly tank
Snyder 200 gal tank
200 gal. front mt. poly tank fits 2640
110 gal. satellite tank w/GR1 pump and meter
Bush hog 160, 15' rotary cutter
Bush hog, 5'
Brillion manual fold field cultivator
Bush hog 6' excellent
JD 4 row rotary hoe, old style
Liley 1250 seeder
Sanborn 3HP gas air compressor
Power Kraft 230 Welder
3 pt. hitch lift
JD and Massey weights
Allis Chalmers CA Implements

Terms - Personal Property: Good check day of sale. Arrangements can be made for buyers who wish to pay after hold check funds are paid in January. Call for details

John Johnson, Bob Bassett,
Tom Truitt

Pete Richardson Auction
Sales, Inc.
P.O. Box 51, Willards, MD 21874
Office - 301/546-2425

PETE RICHARDSON
P O Box 51, Willards, MD 21874
AUCTION SALES

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. DEC 8 - 11AM, 4 Room Bungelow on 1⅓ +/- Acres, Building Lot off Swamp Rd, and Old Stone Farm HOuse on 12+/- Acres suitable for restoration, located along Swamp Rd, Caernarvon Twp, Berks Co, Dennis Weaver POA, Horning Farm Agency, Inc, Aucts

SAT DEC 8 - 11AM, Repossessed & Off Lease Vehicles, located at Keystone Public Auto Exchange, Rt 22/322, between Dauphin & Clarks Ferry Bridge

SAT DEC 8 - 12Noon, Real Estate and Misc Items, located Brickerville, corner of Rt 322 and Keener Rd, 202 E 28th Div Hwy, Village of Brickerville, Lanc Co, PA, C Timothy & Cindy L Stahl, owners, Paul E Martin and John D Stauffer, Aucts

SAT DEC 8 - 1PM, Real Estate, 22 975 Acre Farm, located from Quarryville, PA take Rt 472 S approx 9 mi or from Oxford take Rt 472 N approx 6 mi, turn W on Spruce Grove Rd to first farm on left, near Octorara Lake, Colerain Twp, Vincent Impriano and Mark Pavletich, owners, Kreider, Kline and Good, Aucts

SAT. DEC. 8 - 2PM, 2 Story Farm House located at 21 W. Gramby St, Manheim, Leonard and Ruth Horning, owners, Horning Farm Agency,

MON. DEC. 10 - 4PM, Real Estate, located at 406 Susan Circle, Ephrata Boro, Lanc Co, PA, Michael L and Susan A Hassler, owners, Bechtold Auctioneers, Aucts

MON. DEC 10 - 5 30PM, Coin Auction, at Springetts Fire Co Social Hall, 3013 E Mrket St, York, PA, Budd D Stine Estate, Gilbert and Gilbert, Aucts

TUES. DEC. 11 - 10AM, Woodworking Equipment, located 117-119 Slack Ave, Trenton, NJ, Bailey's Architectural Millwork, owners, Certified Industrial Auctions, Aucts

TUES. DEC 11 - 11AM, Clover Gravel Products/ Syracuse Supplie Co Absolue Equipment Auction, located Rt. 65, Pittsford (Rochester), NY, Roy Teitsworth, Inc, Aucts

WED DEC 12 - 1PM, 560 Acres-Complete Hog Facility, located 25 mi S of Columbus, OH near Circleville, Schrader Real Estate and Auction Co, Aucts

THURS. DEC 13 - 9AM, Alderfer Auction Art, Antiques, Rugs & Art Glass Alderfer's Is 2 miles from Exit 31 of the Northeast Extension of the Pa Turnpike Estate of Lecian Von Bernuth of Devon, Pa, Estate of James C Jordan, Estate of Mae Mauser & Other Consignors Alderfer Auction Co

FRI DEC 14, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

FRI DEC 14 - Northern Virginia Contractors Auction-Track Loaders & Dozers, Backhoes & Rubber Tire Loaders, etc, located at the Jct of Rtes 15 & 55 just off Rt 66 in Haymarket, VA, Wolfe Industrial Auctions, Inc

SAT DEC 15 - 9AM, RE, Car, Tractor, Tools, HH and Certified Patent, located from 422 in Lebanon across from Plasterer Tractor Co, turn N onto Prescott Rd follow signs to Mt Zion, 2 6 mi turn right onto Mt Zion Rd 3rd house on left, Mr and mrs Willis Campbell, owners, Fortna's Annville Auction

SAT DEC 15 - 9 30AM RE & HH Goods at 2108 Lundell Dr, 2 mi E of Lanc just S of Rt 23, Esther V Kolb, owner, Abe Diffenbach, Auct

SAT DEC 15 - 9 30AM, 2 Auctions-1 Location, New and Used Agricultural Implements, Construction Equip, Truck Tractors Chippers, located Montgomeryville, PA, for Phila Electric Co, New Jersey Bell, Bell of PA, Con Edison of NY, R W Keller Sales & The Marian Bank Vilsmr Auction Co Aucts

SAT DEC 15 - 11AM, 2 Tracts of Woodland, located from Harrisburg, PA, take Rt 322 W to Lewistown, 1 exit past Lewistown, take Burnham exit to stop sign, turn right to T, at T turn left, go through Burnham follow signs to town of Vira, through Vira to Belitown, thru Belitown, 2½ mi turn left on Lohts Rd, to property on left, Eugene K Martin and Carl G Sense nig, owners, Paul Martin and John Stauffer, Aucts

SAT DEC 15 - 11AM, 103 Registered Holsteins, located at the farm 2585 Rt 488, 3 mi S of Clifton Springs, NY, ½ mi W of Orleans, NY, halfway between thruway Exit 42 and 43, Inglis Holsteins, owners, Harris Wilcox, Inc, Aucts

SAT DEC 15 - 11AM, Farm Machinery, Grain Bins & Truck, located 4 mi S of Columbiana, OH, Melvin Horst, owner, Jim and Ken Baer, Aucts

AU-001711L

FORTNA'S
Annville Auction Co & Gallery

GREAT ADDRESS! GREAT CONVENIENCE!

PUBLIC AUCTION

OF REAL ESTATE, CAR, TRACTOR, TOOLS, HOUSEHOLD AND CERTIFIED PATENT

SAT., DECEMBER 15 AT 9:00 A.M.
(REAL ESTATE 12:00 NOON)
PREVIEW. By Calling Fortna's At (717) 867-4451

LOCATION: From 422 in Lebanon across from Plasterer Tractor Co. turn North onto Prescott Road, follow signs to Mt. Zion (2.6 miles) turn right onto Mt. Zion Road, 3rd home on left.

DESCRIPTION: This well insulated home contains a kitchen that any person would appreciate The large eat-in kitchen contains plenty of beautiful cherry cupboards, space saver microwave oven, stove, and a large window to view the sun rising in the morning The home also contains 2 bedrooms with plenty of closet space (master bedroom having 1/2 bath and cedar walk-in closet) Dining room with thick carpet and door leading to the cement porch, living room, full bath with linen closet, basement was used as a family type room with shower and cold cellar To the rear of the house is a laundry room leading to a small enclosed porch taking you outside
At the back of the house is a detached 3-car block garage with a work shop area and 3 auto door openers "This would be great for a car buff" Behind the garage is a 2nd floor office with heat and possible sewer, under the office is a storage area Along with this beautiful home there are many other amenities large covered pavilion and a beautiful brick bar-B-Q fireplace with elect, large driveway area, 2 separate septic systems (home and office), oil furnace with summer/winter hookup, increased insulation, well, Location, Location, Location

PERSONAL ITEMS: 1987 Chrysler New Yorker 4 door with leather seats, A/C, P/S, P/B, AM/FM cassette, etc Car is loaded and in excellent condition

TOOLS: Model 10-10 Massey Ferguson tractor with 4 wheel drive, 16 horsepower with 3 point hookup, 3 point swivel blade, dump trailer, 3 bikes, liquid piston pump, firewood, garden sprayer, wheelbarrow, 2 picnic tables, metal shelving, step ladder, 7 ft layout drafting table, 2 other drafting tables, 3" plastic pipe, Lincoln 225 amp welder, bench grinder, spray gun, many tools (incl elect and hand), 2 chain saws, 2 auto ramps, 4 auto stands, Snapper self propelled mower, gas weed wacker, industrial Dewalt table saw, industrial jig saw, bench drill press, 10" Craftsman table saw, work bench and vise, air compressor, chains and binders, 3 55 gallon hand pumps, Rockwell 10" band saw, bench sander, 2 kerosene heaters, fiberglass duct insulation, 1/2" hammer drill, Craftsman circular saw, hedge trimmer, 16 high power transaxels

HOUSEHOLD GOODS: Kenmore washer and dryer, portable bar, shelving, hide-a-bed, space heater, fan, dishwasher, refrigerator, pots and pans, misc glassware, sofa bed (queen size), walnut end tables, 2 chairs, library table, floor and table lamps, bamboo glass top dining room table with 6 chairs, stereo, upright piano, dresser, 2 8,000 btu air conditioners, movie projector and camera, child's dresser, many baby items, 12 gauge bolt action shotgun, plus many more items too numerous to mention

OFFICE FURNITURE: L-shaped secretary desk, 4 drawer file cabinet, office desks, plus other desks, layout L table, 2-5 drawer file cabinets, 4 drawer file cabinet, 5 office chairs, recorder, 2 drawer file cards, project file and layout table, North Star phone/intercom system consisting of 3 phones with 4 line hookup capability ($2,500 system new)

SPECIAL NOTE: Solar Collector We will be offering for the first time a certified patent and equipment for a solar collector system This patent is registered with the National Solar Rating & Certificate Corporation The patent will be sold with a complete solar colelctor and the proper manufacturing equipment to produce a solar collector This will be sold with a reserve Excellent opportunity for someone to start a small business. Especially, with oil prices continuing to increase For more detailed information on this system, please call our office and ask for a brochure **THIS WILL BE OFFERED AT 11:00 A.M.**

"Ark Seal Big Blower" insulation machine, diesel engine, specialized accessories included (insulation to be sold separately)

TERMS: 15% deposit at auction by cash or check Settlement within 60 days Subject to immediate confirmation

CONDITIONS BY
MR. & MRS. WILLIS CAMPBELL
BROKER PARTICIPATION

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. DEC. 15 - 1:30PM, Approved 13 Lot Subdivision, located along Icedale Rd off Rt. 322 approx. 4 mi. E. of Honey Brook, Scott Weikert, owners, Horning Farm Agency, Inc , Aucts

SAT. DEC 15 - 4PM, 23 5 Acre Farmette, located at 219 W. Lexington Rd , Elizabeth Twp., Lanc. Co., PA, Harold E. Nolt and Kimberly A Nolt, owners, T. Glenn Horst and Sons, Aucts

SUN DEC 16 - 1PM, Several Local Estate-Antique Furniture & Collectibles & Piano, Artwork & Furnishings, Guns, Coins, Jewelry, Auto., located Rescue Fire Co., 3701 N. 6th St., Hbg., PA, Kerry Pae Auctioneers

MON DEC. 17 - 9 30AM, Farm Equipment, Tools, HH Goods, Building Supplies, located from Ephrata, Rt. 272 N 1 mi , turn left onto Schoeneck Rd , 1 mi then left onto Springville Rd 4 mi to farm on left, Lanc Co , PA, Daniel W and Kathleen K Fox, owners, Paul Martin and John Stauffer, Aucts

THURS DEC 20 - 3 30PM, Antiques, HH Goods & Toys, Winross Trucks, located just off Rt 322, approx. 8 mi. W of Ephrata, Brickerville, Lanc. Co., PA, Mamie Eckert Estate, T Glenn Horst and Sons, Aucts

FRI. DEC. 21 - 11AM, Union Co. 16 Acre Farmette, Personal Property, located RD 2, Mifflinburg, PA along Rt 192, 5 mi. W. of Lewisburg or 2 mi. N. of Vicksburg in Buffalo Twp., Union Co., Warren and Mabel Martin, owners, Earl W. Eash, Auct.

SAT. DEC 22 - 11AM, Saw Mill, Chicken House Equipment, located Rt. 374, Berlin-Libertytown Rd., Libertytown, MD, Walter Dennis, owner, Pete Richardson, Auct.

SAT. DEC. 22 - 11AM, 5 Residential Wooded Lots, located from Ephrata, Rt 272 N. to Rt. 897 N. approx. 2.5 mi. to Reinholds, turn right on Ridge Rd. approx. 2 mi. to lots on left, W Cocalico Twp., Lanc. Co., PA, Terry Kauffman, owner, Paul Martin and John Stauffer, Aucts.

FRI. DEC. 28, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

SAT. DEC. 29 - 9AM, Annual Consignment Sale, located 8 mi. S. of Martinsburg, WV, Edgar A. Bohrer, Auct.

PUBLIC AUCTION

OF APPROVED 13 LOT SUBDIVISION

Sat., December 15 @ 1:30 PM

Located along Icedale Road off Rt. 322 approximately 4 miles east of Honey Brook.

Lots range in size from 1⅓ to 2 acres. All lots perk approved. Final plans recorded. All lots gently sloped and wooded. Call Horning Farm Agency for specifications and prints.

TERMS: 10% day of sale; settlement on or before Feb. 15, 1991.

Terms By:
Scott Weikert

Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

HFA REALTOR MLS

PUBLIC AUCTION SALE

TUESDAY, DECEMBER 18 AT 11:00 A.M.

AT NORTH SHERMAN ST. (SEE DIRECTIONS BELOW)
YORK, PENNSYLVANIA

WOODWORKING MACHINERY AND FACTORY EQUIPMENT

• SAWS •

DIEHL MOD 55 STRAIGHT LINE RIP SAW - BUSS RIP SAW - DELTA 10" UNISAW - BEACH MOD 599 AND GRUTTER MOD. 58 CUT-OFF SAWS - ROCKWELL RADIAL ARM SAW 12", 3 H P - PORTER MOD 47A20 HYD CUT-OFF SAW - YATES MOD 286 RESAW - HENDRICKS MOD PETS-TRI RAIL 12' HORIZONTAL PANEL SAW - A & A PANEL SAW - NORTHFIELD 36" VERTICAL BAND SAW - YATES AMERICAN MOD Y36 VERTICAL BAND SAW - CLEMENT 30" & AMERICAN 20" VERTICAL BAND SAWS.

• ROUTERS AND SHAPERS •

SCM L'INVINCIBLE MOD R9 ROUTER - BAUERLE ROUTER - ONSRUD MOD G1-GA AND MOD W180 ROUTERS - PORTER MOD 666 AND MOD 600 ROUTERS - WESTFLEX ROUTER - CHAMP FOND MOD. MP210 TILT ARBOR 2 SPEED SHAPER - CHAMP FOND MOD SP101 AND MOD SP102 (NEW) 2 SPEED REVERSIBLE ROTATION SHAPERS - PORTER MOD 112 DBL SPINDLE SHAPER - PORTER SGL. SPINDLE SHAPER - WEAVER MOD. 510 SGL SPINDLE SHAPER - DELTA 1" SGL. SPINDLE CABINET BASE SHAPER - DELTA 1/2" BENCH TYPE SHAPER

• PLANERS AND JOINTER •

BURKE E PORTER MOD 26 FLOPLANE PLANER - S A WOOD 16" JOINTER - CRAFTSMAN 6" JOINTER

• SANDERS •

WYSONG & MILES MOD 291 STROKE SANDER - OAKLEY MOD K OSCILLATING BELT SANDER - NEWTON MOD E4 EDGE SANDER - ASST. VERT AND HORIZ BELT AND DISC SANDERS

• MISCELLANEOUS MACHINERY •

(2) DEPENDABLE M144 MOULDERS, 4'X4' CAPAC - ROOT MOD GM BORER - (2) HORIZONTAL SGL SPINDLE BORERS - WEMCO BORER - OLIVER MOD 51 WOOD LATHE - US CUTTING CHAIN VERT MORTISER - WESEL CARVER - UNIQUE MOD 260 STICKER - AUTO NAILER AND BOSTITCH JUPITER 9 NAILERS - TRIAD MOD IIJ16 SPIKE DRIVER - ATLAS MOD MF MILLER - GARDNER DBL. END BUFFER - MUMMERT AND DIXON MOD W475 GRINDER - ASST DOUBLE END GRINDERS - HANDY ASSEMBLY CLAMP - DUBOIS MOD VP6 EDGE PRINTER - ASST SGL & MULTI SPINDLE DRILL PRESSES

• ROSENQUIST MOD. 400, 3KW HI-FREQUENCY GLUER 3'X4' •

• MISC. WOODWORKING EQUIPMENT •

NORDSON AND DEVILBISS HOT SPRAY UNITS - ASST PRESSURE POTS FROM 1 TO 5 GAL CAPAC - MISC AIR HOSE, SPRAY GUNS, ETC - POWER FEEDERS - EXPLOSION PROOF EXHAUST FAN - BLOWERS & MOTORS, ASST H P - 2 & 4 BAG DUST COLLECTORS - DUSTMASTER 1 & 2 H P DUST COLLECTORS - ATOM 2000 LB ELEC SCISSOR LIFT - ASST CLAMPS - MANUAL & POWER HAND TOOLS - ASST SUPPLIES SUCH AS SANDING BELTS, SAW BLADES, HOT MELT GLUE AND MORE

• FACTORY EQUIPMENT •

5 TO 15 H P AIR COMPRESSORS - NYK 3000 LB ELEC FORKLIFT W/CHARGER - (2) HYD ELEC SKID LIFTS W/8' BEDS - (36) HEAVY DUTY TUG CARTS - WEIL MCLAIN 5 H P ELEC STEAM BOILER - (20) SECTS ASST PALLET RACK - QTY SKATE AND ROLLER CONVEYOR - METAL SHELVING - STEEL DECKING - ROLLING LADDERS - DRUM CRADLES - HAND TRUCKS - MISC MAINTENANCE EQUIP SUCH AS ELEC. ARC WELDER, OXY-ACET. PARTS, ETC. - PLATFORM SCALES - BLUEPRINT COPIER - XEROX AND SAVIN PLAIN PAPER COPIERS.

INSPECTION: 9 AM MORNING OF SALE UNTIL SALE TIME.

DIRECTIONS: FROM I-83 TAKE ROUTE 30 EAST TO NORTH SHERMAN STREET. (SCRIVNER TRUCK TERMINAL ON CORNER), RIGHT TURN ON N. SHERMAN, APPROX. 3/4 MILE CROSS R R TRACK, APPROX. 300 FT. AHEAD MAKE LEFT TURN. FOLLOW SIGNS TO AUCTION SITE

TERMS: 25% DEPOSIT ALL BILLS PAYABLE BY WEDNESDAY, DECEMBER 19. ALL PAYMENTS IN CASH, CERTIFIED OR CASHIER'S CHECK OR COMPANY CHECK WITH LETTER OF IRREVOCABLE BANK GUARANTEE

BY BALDWIN INDUSTRIAL LIQUIDATORS, INC.
PO BOX 4146, GETTYSBURG, PA 17325
PHONE 800-729-0010 OR 717-334-5707 FAX 717-334-9115
PA AUCTION LICENSE AU-001930L

BALDWIN

OUTSTANDING PUBLIC AUCTION

SEVERAL LOCAL ESTATES REMOVED TO RESCUE FIRE CO.

3701 NORTH SIXTH ST., HBG., PA

SUNDAY AFTERNOON DECEMBER 16, 1990

At 1:00 P.M.

ANTIQUE FURNITURE & COLLECTIBLES & PIANO

Early Pine/Chestnut Blind Door Drop Lid Schoolmasters Desk, Cherry Fancy Empire Chest of Drawers, Mahogany Queen Anne Cedar Chest on Legs w/Drawer, Victorian Marble Top Table, Mahogany Curved Front Corner China Closet, Unusual Victorian Walnut Marble Top Candlestand, Wurlitzer Solid Cherry Spinet Piano, Mahogany Drum Table, Early Oil On Canvas Victorian Firescreen, Victorian Brass & Marble Stand, Grain Painted 1 Drawer Washstand, 2 9x12 Bellstan Oriental Rugs, Round Inlaid Card Table, 3 Pc. Ice Cream Parlor Set, 2 Claw Foot Mahogany Tables, Decorated Cowden Jug, Early Crock Decorated w/Blue Bird, Decorated Cowden & Wilcox Crock, 20 Crocks/Jugs Some Signed, 2 Cherry End Tables, Art Nouveau Stained Glass Table Lamp, Oak Shelf Clock, Marble Base w/Cherubs Stained Glass Table Lamp, Lg. Copper Apple Butter Kettle, Dated 1840 Middle Paxton Township 3 Color Coverlet, Early Double Pewter Inkwell Signed Meeuws & Sons, Fancy Walnut Miniature Victorian Dresser, Miniature Blanket Chest, Old Early Woven Baskets, Old Prints & Picture Frames, Currier & Ives Print "Frozen Up", Ogee Mirror, 16MM B&W Mickey Mouse Movies & Projector, Washstand, Kerosene Lamps, Oak Pew, Oak Workbench w/3 Drawers, Oval Oak Beveled Mirror, Piedmont Flag Quilt, 1874 Dated Leather Box, Art Deco Cast Iron Dog Andirons, Fancy Brass/Onyx Smoker Lamp, Old 1960's Playboy Calendars, 1920's "Naughties Scrapbooks", Old Figural Bottle Opener Collection, Pocket Knives, Advertising Items, 1946 Norman Rockwell Boy Scout Handbook, Old Paper Adv. Items, 1930's Original B&W (AP) Photos of Joe Louis, Max Schmelling, Babe Ruth & Other Sport Figures, Old Scrapbooks, Postcards, Mink Cape, War Ration Book, Fort Hunter Canel Tokens, 1903 Hbg Year Book, Very Large Postage Stamp Collection Over 1500 Stamps To Be Sold As A Collection!

ARTWORK & FURNISHINGS

By Ned Smith: "Through The Pines" 384/600 Framed & Matted, "A Little Bit Cautious" 208/600 Framed & Matted. These Are Two Fine Pieces Of White Tail Deer & Black Bear. 1948 Oil By Hbg. Artist Ira Deen, 2 Watercolors, Oil On Canvas Unsigned, Congemporary L Shaped Sectional Sofa "Catnapper" w/Queen Sofa Bed & Two Electric Recliners, 3 Pc. Country Chintz Print Sofa/Loveseat/Ottoman & 2 Fireside Wingback Chairs, GE Washer & Dryer, GE Side/Side Ref/Freezer, 2 Dehumidifiers, Amf 8 HP Snowblower, GE Microwave, Lifestyle 550 Exercycle, Sanyo VCR, Quilts, 5 Pc. Round Oak Pedestal Table/Chairs, Pfaltzgraff Serv 6 Stoneware, Pots, Pans, Dishes, Glassware, Encyclopedias, Snowmobile Helmets & Clothing, Other Items Too Numerous To List.

GUNS COINS JEWELRY

Winchester Mod 88 308 Cal. Rifle w/Scope, Walther Mod KKJ 22 Hornet Rifle w/Lupold Scope, Stevens Mod 311A 410 Ga. Double Barrel Shotgun, Remington Mod 870 12 Ga Pump Shotgun, Glenfield Mod 60 22 Rifle, Brass Powder Horn, Flintlock Pistol, Ammo, Gun Cabinet, Sterling Silver Jewelry, Ladies Platinum Diamond Ring w/6 Small Diamonds 1¼ Ct. Center Diamond, 17 Jewel Girard Perregauk 14 Kt Gold Ladies Wrist Watch w/20 Diamonds, Hamilton Pocket Watch, Ladies Platinum Band w/17 Diamonds, 14Kt Wedding Bands, Hundreds Pcs. Costume Jewelry, 7 Morgan Silver Dollars, 1909 VDB 1 Cent, 1817 Lg. Cent, 1893 & 1907 Qtrs., 1893 Colombian Half Dollar, 1780 Thaler, 8 54' Kennedy Halves, 25 Walking Liberty Halves, Franklin Halves, 1897 Dime, U Nickels, 1925 Stone Mtn Half Dollar, 2 1964 Proof Sets, Mercury Dimes, Buffalo Nickels, Wheat Pennies, Silver Certificates, Silver Coinage, Foreign Coins, Plus More!

AUTOMOBILE 2:00 P.M.

1984 Buick Regal 2 Door, White, 6 Cyl., Auto, A/C, A Title One Owner 22,000 Original Miles, Like New.

SALE ORDER: 1:00 P.M. Coins, Jewelry, Guns. 2:00 P.M. Auto, Followed by Crocks, Collectibles & Small Items. 3:00 P.M. Artwork Followed by Furniture. Very, Very Nice Clean Antiques & Furnishings. Approx. 4-5 Hr. Auction. Don't Miss A Chance To Buy Some Great Christmas Items! Inspection 10:00 A.M. To Auction Time Day Of Auction Only! ** Sales Tax Will Be Collected. Exempt Only With Pa. Lic. # And Signed Tax For. No Out Of State Checks!!**

Jeffrey L. Knosp, CAI
AU 1701L

SEVERAL LOCAL ESTATES

KERRY PAE AUCTIONEERS
Harrisburg PA
(717) 236-4752

PUBLIC AUCTION

2 TRACTS OF WOODLAND

SAT., DECEMBER 15, 1990

AUCTION TIME 11:00 A.M.

DIRECTIONS: From Harrisburg, PA, take Route 322 West to Lewistown, 1 exit past Lewistown, take Burnham exit to stop sign, turn right to T. At T, turn left, go through Burnham, follow signs to town of Vira, through Vira to Belltown, through Belltown, 2½ miles, turn left on Lohts Road, to property on left, follow signs. Decatur Township, Mifflin County, PA.

TRACT #1

Contains 77 acres & 84 perches.

TRACT #2

Contains 106 acres, adjoins tract #1.

Both tracts of land located between Lewistown & Middleburg on the SOUTH side of JACK'S MOUNTAIN. Having deer, bear & turkey, this is an exceptional site for camera, bow or rifle hunting. Suitable for a summer retreat, the perfect "get away from it all" location. 2 SPRINGS ON PROPERTY, UTILITIES AVAILABLE, NEAR INDIAN RUN GOLF COURSE. These tracts will be sold separately, on site, but 1 or both, RECORDED RIGHT OF WAY W/EASY ACCESS, NEW SURVEY.

TERMS: 10% down day of auction, balance at final settlement on or before January 30, 1991. All herein information is believed to be accurate but is being used for advertising purposes only.

BROKER PARTICIPATION INVITED. To qualify for 1% broker's fee at final settlement, broker or agent must REGISTER POTENTIAL CLIENT W/AUCTIONEER, IN WRITING, 24 HOURS PRIOR TO AUCTION. Mail to Paul E. Martin, 1111 Forest Hill Road, Stevens, PA 17578. For plot plan call 717-733-3511.

Auction By:

Eugene K. Martin

Carl G. Sensenig

CHARLES AX, ATTORNEY
Middleburg, PA

Auction Conducted By:
J&P Auctions
Paul E. Martin, Auct. AU-001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Manheim, PA 717-665-5099

PUBLIC AUCTION

Having sold our home we the undersigned will sell at Public Auction located 4 miles South of Columbiana, Ohio or 6 miles North of Libson, Ohio on State Route 164 to State route 556 then east ½ mile to Woodvale Rd. then north ½ mile to farm on

SATURDAY, DECEMBER 15, 1990

@ 11:00 A.M.

FARM MACHINERY

1980 J.D. model 4240 w/400 hrs. on new engine, excellent rubber and cab w/air, radio, remote hydraulic. Power shift with John Deere loader model 148; 1976 JD 3300 diesel combine w/grain head (13 ft., 1925 hrs.); JD 343 3 row corn head, (to be sold separately); JD model 7000 6 row double disc cornplanter w/herbicide & monitor; JD model FB-B 15 disc grail drill w/seeder; JD model 550 field sprayer w/hydraulic booms & flotation tires; JD 10 ton gear w/gravity bin; 1985 Krause Landsman 13 ft. model 3100; 1984 Krause chisel plow model 2867-7 tine; White 548 5x16 spring reset plow; 18x38 duals; 12v fuel pump; 2 fuel tanks; 5x8 utility trailer; Parker lawn sweeper; IH Cub Cadet 582 w/42" mower; lawn roller; Knipco space heater; Bolens rototiller; MF 8 ft. rear blade; Choremaster cultivator; Craftsman 1 hp air compressor; Lincoln 225 welder; grain tester; platform scale; 32" wood extension ladder; 1983 10 ft. Woods rotary mower.

GRAIN BINS & TRUCK

Butler 9,000 bu. bin w/dry floor & unload auger; 4,800 bu. bin, 18 ft. bin w/Butler dryer and shivers units; 2 bin distributors; bin sweep for 24 ft. bin; 4 sections of 18 ft. bins; Hutcheison 6 in. PTO 40 ft. tran. auger; 1979 GMC model 6000 Sierra w/12 ft. dump Quality grain bed, 5+2 transmission, power steering;

AUCTIONEERS NOTE: This is an excellent line of machinery. Very few items...Be on time.

MELVIN HORST,
Owner

Jim Baer Auctioneer-Realty
Ken Baer Auctioneer-Salesman
Gordon Koehler Auctioneer-Salesman
Bill Baer Apprentice

Public Auction
Every Fri., Starting Jan. 4

4 P.M.
Furniture 7 P.M.
Located: Green Dragon Market & Auction.

Antiques & Household Goods & Tools & Produce.

Consignment Welcome. Pickup Service Available. Call (717) 733-8192.

Wolgemuth Auction Service
Dennis, #2357 **Bob**
Res. 664-3893 **Res. 665-6684**

Belleville Livestock Market

Complete Herd Dispersal

Wed., December 12, 1990
1:30 PM

A consignment from Huntingdon County.

47 head of Holstein and mixed breed dairy cattle.
32 milking age including:
6 recently fresh
11 first calf heifers
the rest in all stages
15 heifers - all ages
health charts
pregnancy checked

Reason for selling:
Owner discontinuing the dairy business.

For information call:
Gene Glick
717-667-2703

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

30 Acre Farm M/L — AUCTION — Don't Miss This Auction

Sat., Jan. 12, 1991
9:00 A.M.

30 ACRE FARM, FARM MACHINERY, ANTIQUES & HOUSEHOLD GOODS

Located at 441 Weaver Road, Strasburg, Pa. Take May Post Office Road south (Decatur Street) approx. 2 miles to Weaver Road on left, approx. ½ mile to farm on the right. (Follow auction signs).

Real Estate Offered at 1:00 p.m.

Farm consists of approx. 30 acres M/L with approx. 20 acres tillable with 2 story bank barn approx. 30 ft. x 75 ft. with stalls for 19 cows, gutter cleaner, milk house with bulk tank & a nice 30'x32' corn barn, well & spring. The 2½ story home has 3 bedrooms, bath, living room, dining room, kitchen, attic, basement, oil fired hot water heating. This country property deserves your attention.

OPEN HOUSE: SAT., DEC. 15 - 1-3:00 P.M. OR PHONE AUCTIONEER GORDON RESSLER 687-7402.

PA Farmers Association — AUCTIONEERS APPRAISERS — National Auctioneers Association

RON FUNK AU-314-L **GORDON RESSLER AU-1575-L**
Paradise, 442-4279 **Paradise, 687-7402**

We want to be your Auctioneer! For a free confidential auction estimate phone auctioneers.

SAT. DEC. 29 - 9:30AM, Farm Machinery & Tools, from Morgantown take Rt. 23 E., go thru Elverson to Rt. 345 go S. cross over Rt. 401 to 1st Rd. on left, Lloyd and Edith Mast, owners, Elton Horning Farm Agency, Aucts

SAT DEC 29 - 10 30PM, Tractors, Combines, Trucks, Implements, located Rum Point Lane, Berlin, MD, John Johnson, Bob Bassett and Tom Truitt, owners, Pete Richardson Auction Sales, Inc , Aucts

SAT DEC 29 - 4 45, Farm Toy Consignment Auction (Toy Show Same Day 9AM-3PM) at the Farm & Home Center, offer Rt 72 near Lancaster, PA, Dave Nolt, Auct Mgr

January

TUES. JAN 1 - 9AM, 2 Family Dwelling, Fine Antiques & HH Goods, located at 441 Fruitville Pike, Penn Twp , Lanc. Co., PA, Anna B. Oberholtzer and Martha B. Oberholtzer, owners, T Glenn Horst and Sons, Aucts

THURS. JAN. 3 - 7PM, Real Estate-2 Story Dwelling w/attached 2 Car Garage & Workshop, located at 151 Napierville Rd., E Cocalico Twp , Lanc Co., PA, Glenn M Snyder and Janice Z. Snyder, owners, T. Glenn Horst and Sons, Aucts.

FRI. JAN. 4 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

SAT. JAN. 12 - 9AM, 30 Acre Farm, Farm Machinery, Antiques & HH Goods, located at 441 Weaver Rd , Strasburg, PA, Ron Funk and Gordon Ressler, Aucts

THURS JAN 17 and FRI JAN 18, Large Two Day Sale of Farm Equip , Etc , at Horst's Machinery Lot, 1 mi E of Marion, PA, Ralph W Horst, Mgr

FRI JAN 18 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SAT JAN 26 - 1PM, 40 Acre Farm in Brownstown, PA, Leroy Z. Zimmerman, owner, Paul E Martin Auction Service

February

FRI FEB 1 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SAT FEB 2, Full Line Horse Drawn Farm Machinery, 10 Horses, 80 Dairy Cattle, etc., on farm 2 mi W of Selinsgrove, PA, Mr. and Mrs Raymond Martin, owners, Fraley Auction Co , Auct

TUES FEB 5 - 9AM, Registered High Grade Holsteins, Farm Machinery, Milking Equip. & Horses, located N. of Bird-In-Hand, PA, Amos K. and Sara K. Beiler, owners, Steve and Steve, Jr. Petersheim, Aucts.

FRI FEB. 15 - 10AM Horse Sale, at New Holland Sales Stables, New Holland, PA.

TUES. FEB 19 - 9AM, Livestock and Farm Equipment Located ½ Mile South Of Nickle Mines, 1 Mile North Of Rt 896 From Georgetown, Lanc Co For Mrs Jonas King And Reuben B Fisher (On The Premises) Diffenbach's New Holland Auction Center, Ltd., 100 W Jackson St , Box 485, New Holland, Pa 17557

WED FEB 20, Farm Machinery, Holstein Herd, Mules, HH Goods and Antiques, located N of Terre Hill, Lanc Co , PA, Steve and Steve, Jr Petersheim, Aucts.

THURS. FEB 21 and FRI FEB 22 - 8 30AM Both Days, Antique Tractors, Engines, New-Used and Abused Farm Equip , located 10 mi E of Lancaster, 2½ mi W of New Holland, turn off Rt 23 of S Groffdale Rd , left on Musser School Rd , Lanc Co , PA, Elias S Beiler, owner, Robert E. and Jeffrey R Martin, Randal Ranck, Blaine and Nevin Rentzel, Bob and Dennis Wolgemuth, Freddy Goodrich, Aucts

Annual Christmas SALE

COMPLETE HERD VIRGINIA HERD DISPERSAL

at Shady Lane Dairy Sales Inc.
1/4 mile west of Quarryville off Rt. 372
on Oak Bottom Road.

FRIDAY MORNING 11:30 AM
DECEMBER 14, 1990

150 HEAD OF REGISTERED & HIGH GRADE HOLSTEINS

Complete Virginia herd dispersal of 123 head of Holsteins. Home raised for over 31 years with 28 years of A.I. breeding. Sired by Sire Power, Select and A.B.S. bulls. Several recently fresh with 27 due between December and January. Cows are large in size with a lot of potential.

—— JANUARY 1, 1990 HERD AVG. 16,770m 4.6% 700f ——

This herd is no longer on test but the dairy potential has been proven. Being sold only due to discontinuing of dairy farming and selling of the farm.

Also Selling -
15 head of hand picked Maryland cows from one herd. All are recently fresh or due very soon with their 2nd or 3rd calves.

SPECIAL MENTION -
8 REGISTERED & GRADE JERSEYS FROM ONE HERD.
Sell at 11:30 AM

6 recently fresh, 1 due in December, 1 in January. 4 are first calf heifers. Records to 13,731 of milk and testing up to 5.0%. 2 Nippersink daughters sell with one animal bred to Boomer Sooner.

This sale will be worth your while if you're looking for base milk and good herd replacements. Cattle have good size and milk potential.

Sale Managed By
Shady Lane Dairy Sales Inc.
23 Shady Lane, P.O. Box 673
Quarryville, PA 17566-0673

Glenn D. Fite — **Owners** — **David L. Fite**
717-786-2750 **Fax 717-786-3250** **717-786-1725**

PUBLIC SALE

SATURDAY, DEC. 15, 1990 9:30 A.M.

Located 2 miles east of Lancaster, south of Route 23 on Pine Drive, left on Lyndell Drive to 2108 Lyndell Drive, East Lampeter Twp., Lanc. Co. Penna._

Real Estate

Well built ranch type brick home, with 1-car garage attached.

Three bedrooms, each with a closet. Living room with picture window and built-in bookcase and wall-to-wall carpet, Dining room with corner cupboard Kitchen with knotty pine cupboards, counter top built-in stove and eye-level oven; knotty pine sitting room with brick fireplace; one and one-half bathrooms; large finished family room in basement.

Gas fired baseboard heating system.

Nice brick home with mature trees and shrubbery. Lot size 100' frontage 13,850 sq. ft._

Household Goods & Antiques

Old fashioned sideboard with 3 drawers and beveled mirror; six fiddle back plank bottom chairs; dropleaf extension table with seven boards; oak library table with drawer.

Six piece blond Waterfall bedroom suite; six piece mahogany bedroom suite, cedar chest; Cable-Nebon spinet piano with bench, maple kneehole deck, china cupboard; buffet; four dining room chairs, coffee table with matching end table.

Two piece living room suite; platform rocker; swivel rocker; sofa, chairs, small table with dropleafs - round table; stands; oak shelf made from desk, two magazine racks; odd wood chairs; step stools.

Kelvinator refrigerator; Kelvinator clothes dryer; G.E. automatic washer, Singer electric sewing machine; G E. tank sweeper; dehumidifier; record player

Black shawl; counterpane; bed spreads; blankets; lace and linen table cloths; linen napkins; round table cloth; hand and tea towels; luggage; bedroom rugs, braided rugs.

China dinner set; 16 place settings of silverware; Hull & Roseville pottery vases; satin & glass and china vases, sherbets; depression, china & glass dishes, punch bowl; glass pitcher with 6 matching glasses; cake stand.

Picture of Dan Patch; reverse painting on old frame; other pictures.

Gone with Wind lamp; floor and table lamps; Seth Thomas mantel clock, some doll furniture and games; cast iron bookends; stainless cookware, Kitchen Aid mixer; can opener; canners; lawn furniture; iron trough; jars, Lawn Boy mower; step ladder; lawn tools; some house plants

1984 blue LTD 4 door Ford, 46,000 miles. Will sell at 12 00 Noon.

For appointment to inspect Real Estate call 394-1869.
Immediate possession of Real Estate.
Sale held under tent.
Sale at 9:30 A.M. Real Estate 11:00 A.M.

DOUG FORD, ATTY.
DIFFENBACH, AUCTS. 225L
355-7253

ESTHER V. KOLB, Owner

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. FEB 23, Farm Equipment and Household Goods, located along Sheep Hill Rd., ½ mi South of East Earl, Ivan Z and Barbara S. Martin, owners, Nevin and Andrew Martin, Aucts

TUES FEB 26, Herd of Reg. Holsteins, Full Line of Farm Mach., located Clearfield Rd, Lanc Co, PA, Jacob S Stoltzfus, owners, Steve and Steve, Jr Petersheim, Aucts

WED FEB 27 - 9AM, Full Line of Horst Drawn FArm Machinery, 6 Head of Mules, 3 Flat Bed Wagons, Few HH Goods and Antiques, located 2 mi W of Morgantown, Christ E and Rebecca Stoltzfus, owners, Steve and Steve Jr Petersheim, Aucts

March

FRI. MAR. 1 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SAT MAR 2 - 8 30AM, 27th Annual Bart Twp. Fire Co Sale, Farm Equipment, Tools, Antiques, Quilts, Dry Goods, HH Goods, located in the village of Georgetown, 6 mi SE of Strasburg along Rt 896 (Lanc Co., PA), Local Auctioneers.

TUES MAR. 5, 9AM, Dairy Cows and Farm Equipment, 3 miles south of Strasburg along Eisenberger Road for Levi S Fisher (On the premises)

WED MAR 6 - 10AM, Farm Machinery, (2) AC diesel tractors, Full Line of Forage & Tillage Equip., Milking Equip., located 3 mi E of Honey Brook, PA, John O and Lydia Stoltzfus, owners, Steve and Steve, Jr. Petersheim, Aucts

FRI MAR. 8, Full Line Modern Machinery, 3 Tractors, 50 Dairy Cattle, etc, on farm 3 mi. N. of Lamar, PA, James & Violet Muthler, owners, Fraley Auction Co, Aucts

FRI MAR 15 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SAT MAR. 16, Fraley's Annual Spring Machinery Consignment Sale on our farm 3 mi E of Mucy, PA, Fraley Auction Co, Aucts.

SAT. MAR 16 - 8 30AM, Building Material Sale for Bart Twp. Fire Co.-Windows, Doors, Siding, Lumber, etc, located in the village of Georgetown, 6 mi SE of Strasburg, along Rt 896 (Lancaster Co, PA), Local Auctioneers.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

THURS. MAR 21 - 11AM, Easter Lamb Sale, at New Holland Sales Stables, New Holland, PA.

FRI MAR 22, Horse Drawn Farm Machinery, Horses, Dairy Herd, etc, on farm 3 mi. N. of Turbotville, PA, Ervin & Anna Nissley, owners, Fraley Auction Co., Aucts.

SAT MAR. 23 - 9 30AM, Full Line of Farm Equipment, Corn and HH Goods, located 3 mi. E of Lancaster turn off Lincoln Hwy. E. on Strasburg Pike, 3 mi S to Pioneer Rd. turn left 1st lane left, J. Robert and Dorothy Musser, owners, Robert E and Jeffrey R Martin, Aucts.

April

FRI APR 5 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

FRI APR. 26 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

May

SAT MAY 4 - 9AM, Collection of Trains and Trail Related Items dating from 1940's to present, Gary Martin, owner, Diffenbach's, Auct.

SAT MAY 4 - 10AM, Grade Heifer Sale, at New Holland Sales Stables, New Holland, PA.

FRI MAY 10 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA

FRI MAY 17 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

JUNE

SAT JUN. 1 - 10AM, Registered Heifer Sale, at New Holland Sales Stables, New Holland, PA

FRI. JUN 14 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

JULY

FRI. JULY 19 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

AUG.

FRI. AUG. 9 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

SEPT.

FRI. SEPT 13 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

SAT SEPT. 28 - 10AM, Registered & Grade Heifer Sale, at New Holland Sales Stables, New Holland, PA

OCT.

FRI. OCT. 18 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA

WED OCT 30 - 9AM, Annual Dairy Show & Sale, at New Holland Sales Stables, New Holland, PA

NOV.

FRI. NOV. 8 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

FRI. NOV. 29 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA.

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN

Quarryville, PA

PH: 717-786-3016

HOLIDAY COW SALE

Friday, December 21, 1990

- 11:00 A.M.

Selling at Kling's Sale Barn, located 15 miles north of Carlisle on Rt. 74, 2½ miles N.E. of Landisburg, Perry Co., Pa.

Selling... 50 Recently Fresh or Close Springing 1st & 2nd Calf Heifers. Approx. 1/2 Registered - From Top sires as Astro Jet, H.H. Spartan, He-Man, Revelation, Warden, Marlin, Browndale Commissioner, Spruce Edge Majesty, Valiant Sir, Tempo, etc.

Many with records or records on Dams; Several Milking up to 90.0 lbs. **Registered Heifer Calves from these Good Young Cattle also sell.**

Owner, *Art Kling*

Plus... 15 Good, Grade Cows From Upper Dauphin County. All from 1 Herd - Several Just fresh - Balance in Different Stages of Lactation. (Complete Herd Dispersal).

20 Close Springing or Just Fresh Grade Heifers with Size & Quality. (Consigned from Local Farms)

Also selling for Jeff Reasner, Shippensburg, Pa. 15 Registered Heifers (5 Bred, 5 Breeding-Age, 5 Calves). Several Show Prospects sired by Hanoverhill Logic. H.H. Raven & H.H. Renegade. Out of High Classified Dams w/records to 25,000m and 980f - Most Carry Red Factor.

"This is a Fancy Group - Jeff is Selling all his Young Stock - Don't Miss Them!"

Sale Managed By...

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Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 7 P.M.
Doors Open At 7:30 A.M.
To Accept Conpsignments

Open Air Market All Day And Evening

Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

WEDNESDAYS
Farm Machinery Consignment Auction

The FIRST WEDNESDAY EVENING OF EACH MONTH at 6 P.M. sharp.

We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simulatenously.

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OF SERVICE STATION WORKING EQUIPMENT & SUPPLIES IN POSSESSION OF BLUE BALL NATIONAL BANK

MON. DEC. 17, 1990 - 4:00 P.M.

MACHINERY & EQUIPMENT:
Hydraulic Lifts; Snap On Tool 3 Shelf Cart; Snap On Tool 2 Shelf Cart; Emission Tester w/Rack; Battery & Alternator Tester & Charger; Digital Oscilloscope; Utility Carts; 4 Wheel Flatbed Carts; Engine Hoist; Various Screw/Bolt/Nut Cabinets; Welding Unit; Various Automotive Repair Manuals; Tire Changer Machine; Assorted Jacks; Creeper; Tune Up Meters; Assortment Of Mechanic Tools.

OFFICE EQUIPMENT:
Metal Filing Cabinet; Assort. Wooden Chairs; 3 Piece Computer Table; Automotive Brand Name Display Cabinets; Racks; Fire Extinguisher; Cash Register; Check Imprinter.

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Next Public Sale
*** 150 HEAD ***
Thursday, Jan. 3, 1991
11:00 A.M.

WOODSBORO, MD FARM

(301) 898-7720
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Special Christmas Sale
*** 150 HEAD ***
Thursday, Dec. 20, 1990
11:00 A.M.

★ Quality Holstein Herds For Sale ★
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24 months from now you'll be mighty glad she got Purina Calf Startena today.

Proper nutrition during the first 60 days builds milking capability for a lifetime. With early nutrition so critical it's no wonder that Purina Calf Startena is the dry feed of choice on thousands of the country's best-managed dairy farms. Purina Calf Startena has the irresistible taste that encourages calves to begin eating at an early age. It has the balanced nutrition that increases weight gains...easy digestibility necessary to avoid problems in an immature rumen... and dependable scours protection.

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